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U. S. Department of Agriculture

# AMERICAN FRUITS

Vol. III—No. 2

MAY, 1905

Price, 10 Cents

## IN THIS ISSUE:

### FROM NURSERY PACKING GROUNDS

Complete Reports of the Season's Trade

### GENERAL CLEAN-UP OF STOCK

Sales During March Were Especially Heavy

### PROSPECT OF GOOD FRUIT CROP

Though Frost Affected Peaches in Sections

### SEEDLESS APPLES, PRO AND CON

U. S. Department of Agriculture Investigating

### AMERICAN FRUIT IN ENGLAND

British Growers Say It Is Much Superior

### WESTERN NEW YORK PIONEERS

Fruit Growers of Half a Century Ago

### NURSERYMEN'S CONVENTION PLANS

Enthusiastic Meeting at West Baden Assured

FRUIT DOCTOR AT WORK  
NOVA SCOTIA APPLES  
UTAH SALES LIVELY  
NEW FRUIT COMPANIES  
ORNAMENTAL NURSERY STOCK  
FOR A NATIONAL APPLE DAY

A WESTERN PARADISE  
LANDSCAPE-GARDENING  
AGAINST THE BUSHEL  
BETTER APPLE DEMANDED  
IN NURSERY AND ORCHARD  
PRESIDENT KIRKPATRICK TALKS

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ROCHESTER, NEW YORK

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# American Fruits

An International Nursery and Fruit Trade Journal

Entered August 4, 1904, at Rochester, N. Y. Post Office as second-class mail matter.

Vol. III

ROCHESTER, N. Y., MAY, 1905

No. 2

## THE PRESIDENT SPEAKS.

**Euthuslatic Over Advantages Offered to Nurserymen at the West Baden Convention—Promises Increased Delegation From the Southwest—Praise for the Programme and Committee on Arrangements.**

E. W. KIRKPATRICK, TEXAS.

Our approaching meeting at West Baden, Ind., is widely published and a large delegation is expected from the Southwest. The attendance and the interest promise to be greatly increased.

Could the nurserymen and all of kindred interest be made aware of the great number of benefits and advantages to be gained at this meeting, the attendance would be numbered in thousands.

## CONVENTION ATTRACTIONS.

The able presentation and discussion of the latest and most valuable scientific discoveries by specialists of national fame; the meeting, greeting, and close companionship with men of highest horticultural attainments; the relaxation, rest and wonderful enchantments of this famous hotel; the luxurious health giving waters, mountain, valley, lake and stream, together with all the combinations of art and nature; these, if known as they will appear at West Baden on June 14th to 16th, would attract a large appreciative audience.

## PRAISE FOR COMMITTEE.

Our committees has done most noble and efficient work. The result will reflect much credit upon its members. See the work of the programme committee as proof of their zeal.

What nurseryman or fruit grower can afford to miss seeing the many new fruits and other products that will be on exhibit and then the feast at the banquet, the music, oratory, and wine "all taciturn sedate and grave" with good will and joy all unbound.

## NEW FRUIT COMPANIES.

Sula Valley Honduras Banana Co., Ellsworth, Mass.—Capital \$400,000. Promoters, George R. Caldwell, Charles E. McCarthy, Leo J. Wardwell, W. E. Whiting, C. I. Smith, Ellsworth.

Independent Fruit Growers' Association, Grand Junction, Colo.—Capital \$25,000. A. T. Bigler, Lee Hall, J. I. Jackson.

Mount Whitney Fruit Co., of Guthrie, Okla.; and Hollister, Cal.—Capital \$250,000. G. V. Patton of Guthrie, A. P. Hale and W. E. von Johannsen of San Francisco, Cal.

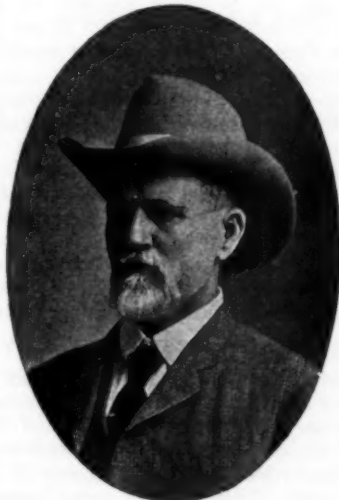
Mt. Airy Orchard Company, Greensboro, N. C. \$8,000—C. H. Haynes, of Dobson; J. E. Logan of Greensboro; J. B. Sparger, of Mount Airy; Geo. L. Atkins, of Haystack.

California Fruit Growers' Association, Los Angeles, \$1,000,000—Ira A. Leighley, Detroit; C. A. Hurst, San Francisco; J. T. Harris, Jr., San Jose; James C. Chapman and Charles Elton, Los Angeles.

## IN TEXAS NURSERIES.

**President Kirkpatrick, of American Association of Nurserymen, Says all Crops are Promising—Nursery Planting Increasing—Notable Tendency Toward Higher Standards in the Nursery Business.**

McKinney, Texas, April 18.—E. W. Kirkpatrick, president American Association of Nurserymen: "The nursery business and fruit and truck growing are prospering in Texas and the Southwest. All kinds of fruits promise a large yield. Some varieties will soon be ready for market. Strawberries are moving. Mulberries are ready and early apricots begin to color. Potatoes are moving near the Gulf coast and are covering the ground in North Texas. All kinds of crops are promising.



E. W. KIRKPATRICK,  
PRESIDENT AMERICAN ASSOCIATION OF NURSEYMEN

"Nursery planting is increasing and the young trees are very vigorous. Trees and plants are comparatively free from insect pests and diseases.

"Nursery sales are very satisfactory and prices are well sustained. Our deliveries are in the fall. Spring sales are small. We take orders in February for November delivery.

"There is a notable tendency here towards better varieties, better growing and grading and handling and better prices."

**KINDS OF STRAWBERRIES**—George J. Kellogg, of Wisconsin, strawberry expert, says: "I selected twenty kinds in the early part of 1903, mostly new and the best I could find. Of the twenty kinds I retained Aroma, Midnight, and possibly Velvet—this last seems feeble in growth and does not recover after fruiting. I have left part of Commander, Cameron's Early, Ernie, T. T. Lyon, Lester Lovett, Marie, Oregon Iron Clad, Oom Paul, and Sutherland. I would not recommend or discard any new variety until we have tried it four years."

## SELLING BY WEIGHT.

**The Only Just Basis for Fruit and Produce Transactions says C. C. Bell, of Missouri—His Opinion Indorsed by Eastern Commission Merchant—Bushel Measurement Throughout the East.**

Editor AMERICAN FRUITS:

Is the term bushel much in use in the eastern part of the country in fruit transactions? it seems to me that it would be best if we could get rid of the bushel measurement and adopt weight measurement altogether, as the bushel is such an unknown and very much unsettled quantity.

C. C. BELL, Secretary,  
Central Mo. Hort. Ass'n.

Boonville, Mo.

Editor AMERICAN FRUITS:

Replying to your inquiry as to advisability of using weight measure for fruit and produce, instead of bushel measure, would say that fruit and produce should be bought and sold by weight by all means; it is the only just way. The bushel is so varying as to prove of little or no stability. All commission men are agreed upon this subject. But the old-fashioned bushel measurement prevails throughout the East.

C. A. DEAVENPORT.

Rochester, N. Y.

## NURSERY TRADE IN FLORIDA.

Glen St. Mary, Fla., April 18.—Aubrey Frink, secretary Glen St. Mary Nurseries: "The past season has been by far the best we have ever had for nursery stock. Our sales have run nearly 50 per cent. more than the highest previous year.

"In fruit matters, would say that there is a heavy bloom on citrus fruits and the prospects are that in our groves there will be a heavy crop, particularly of Satsumas. Information from other sections of the state, however, is to the effect that the orange crop will be light the coming year.

"The peach crop, we understand, is heavy throughout the entire peach section of Florida."

The man who attempts to grow a commercial orchard, says Prof. L. R. Taft, of Michigan, must carefully consider his surroundings, as the soil and location have much to do with future success. The soil of the orchard should not be extremely light or extremely heavy, and for the best results in the long run, we need soil containing a large quantity of humus or plant food. Oftentimes land is selected for an orchard on account of its low price; and yet it contains only a small proportion of plant food. If one would stop to consider that to fertilize this land would cost from \$8 to \$10 per acre, we can see that the higher-priced land might in the end be much cheaper. In Michigan we find that the location of the orchard has much to do with its success, and we like to select something that is elevated and rolling.

## UNDER SOUTHERN SKIES

### MARYLAND PROSPECTS.

**Late Orders Practically Cleaned up Nursery Stock—Grapes in Less Demand—Planting about as Usual Though Apple Stocks and Grafts are Curtailed—Demand by Peninsula Orchardists Increasing Annually.**

Snow Hill, Md., April 14.—C. M. Peters of William M. Peters' Sons: "Indications are for an average crop of fruit. While the past winter was a long one and weather cold, at no time did it go to zero. We have found no trees in nursery or orchard that were damaged by the winter weather. Everything seems to be starting with more vigor than in any previous year that I can recollect. March was a surprise, more like April; it came in mild and the month throughout gave us fine weather for all outdoor work which was taken advantage of, for shipping and planting. The prospects for a successful season for the growing of nursery stock in this county in our opinion was never better.

"The planting along all lines I think will compare with former seasons. Possibly along some lines, especially apple stock and grafts, not as heavy as two years ago; but, generally speaking, the planting, while not quite completed, is not being overdone.

"This spring's business has improved since the first of March. Orders have been received and are still coming that bid fair to consume practically all the surplus stock, which in our own case was not in any great quantity. Grape vines seem to have been in less demand than last year. Of these we will carry over some surplus in 1-year, all 2-year being pretty well closed out.

"Our opinion is that this spring's business will compare favorably with the past year; may be better, and the prospects for coming season's sales favorable, with a good supply of stock to meet an average demand. Do not consider that there is an over production of any kind of stock in this county.

### MUCH DEPENDS ON FRUIT CROP.

"No one can predict what the season may bring forth at this season of the year, as very much depends on the production of the fruit crop. If average paying prices are received, this stimulates the sale of nursery stock; of this there is no question.

"Planting generally on this entire peninsula has been increased now for the last five years. Each year in that time seems to show an increase and prospects are that it will continue. Nothing but a run of low prices or failure in present crop, will lessen the demand. Labor is now figuring more against the interests of the horticulturist than anything we now see to reduce the production of first-class fruit, grain or truck crops. Competent labor is almost a thing of the past."

### PEACH DEMAND SHOULD BE STRONG.

Chattanooga, Tenn., April 14.—D. W. Hunter, proprietor Chattanooga Nurseries: "Spring sales both as to volume and prices have been very satisfactory. The peach crop has been almost entirely killed by the

severe cold winter, throughout the northern part of the southern orchard belt from Georgia to Oklahoma. Further south there will be almost a full crop. With favorable prices for the crop, there will be good demand from commercial growers for peach this fall. This together with short planting of peach seed reducing the supply of June-bud peach trees, coupled with the fact that about 50 per cent. of dormant peach buds were injured by the severe winter, should make the demand for peach this fall excellent.

"We have had heavy sale in small fruit plants, especially strawberry."

### BERCKMAN'S ORCHARDS LOADED.

Augusta, Ga., April 13.—P. J. Berckmans Co.: "We think that all of the leading nurseries in Georgia have had a most successful season. During the first half of February the weather was unfavorable for nursery work and shipments of nursery stock. We had an unusual amount of sleet and ice, and for several days the ground was frozen so that it was impossible to do any work; but as soon as the weather opened there was an immense amount of rush orders, which have been at least 25 per cent. greater than the corresponding period of last year.

"The commercial peach orchards are generally in a satisfactory condition and the prospect for a large peach crop is very good at this date. We understand that some orchards in the northern part of the state were injured during the February freeze. The orchard of Berckmans Brothers at Mayfield, Ga., is loaded with fruit and every variety will be thinned severely so as to produce nothing but fancy fruit."

### TENNESSEE NURSERYMEN BUSY.

Winchester, Tenn., April 14.—Cedar Hill Nursery and Orchard Co.: "From our own experience and from what we can learn elsewhere, nurserymen in this section suffered heavy losses from the freeze of February 14th. This being a peach growing section, we suffered more loss from damage to peach buds than anything else. We have reports to the effect that some nurserymen had lost as high as sixty per cent. of their peach buds.

"There will be a light crop of peach in some sections of the great fruit belt of Georgia, Alabama and Tennessee; but in most sections the peach crop is a failure.

"The demand for trees seems to be heavier than usual this season. Our sales to date are far ahead of any past business. Spring was very early with us. We got a good start with our planting, which is the largest in our history, the stocks are all in the ground and starting nicely."

Commissioner of Agriculture Stevens, Atlanta, Ga., says Georgia's peach crop will be 5,500 cars; last year's crop was 5,000 cars.

"It is worth a journey from the North," says the Southern Pines, N. C., Tourist, "to have been here last week to see the coloring in the Niagara and Van Lindley orchards. A peach orchard half a mile long with solid mass of pink flowers, flanked with acres and acres of white pear and plum blossoms is not permitted the people of everywhere.

### VIRGINIA NURSERY TRADE.

**W. T. Hood & Company Report Sales Far in Advance of Last Year—Plantings of Nursery Stock Larger Than Usual Except on Peach—Damage by Frost.**

Richmond, Va., April 19.—W. T. Hood & Co.: "We were sold so close on many varieties of stock last fall that we did not have a large stock to offer for this spring. The winter was so rough that our agents did not get out early and sales for January and February were very light, business has however, improved and we have made some gains since March 1st, in fact our sales are in advance of the corresponding time of last year.

"We sent out no surplus list this spring, but had however a very good mail business—spring with us you know opens very early and we do not make any special efforts to do much business through our agents—from reports received from our force of agents we expect to sell most of our stock with perhaps the exception of peach.

"We are unable at this time to say what the orchard prospects or conditions are, the cold weather we have had in the past three days we are afraid will be very hard on the fruit, this will also effect our sales through agents.

"Our plantings have been larger than usual this spring, with the exception of peach of which we have not planted so many as last season—the season has not been very good for our plantings, as winter set in so early last fall and we did not have time to prepare land for this spring's planting and could not plow any during the winter,—the ground being so wet the early part of March we were still unable to do any plowing—we also had continual rains the last part of March and the early part of the present month that we were much delayed and are not yet through at this time.

"We had no cold weather during March and up to the 16th of present month, ground however, froze nights of 16th, 17th and 18th of this month. Cherries and peaches are about the size of half grown peas and Kiefer pears nearly the size of large peas, hope that they are so forward that the cold will not hurt them, but we are fearful that in the fruit section of the mountain district, fruit is not so far advanced and will be killed—the weather being very much colder than here.

"Fruit generally in Virginia destroyed, from reports received to-day, April 20th."

### FREEZE AFFECTS NURSERYMEN.

Winchester, Tenn., April 17.—Cedar Hill Nursery and Orchard Co.: "Since writing you in regard to conditions in this section, we have had a heavy frost and freeze and all nurserymen have sustained severe losses.

"It is estimated to-day that 60 to 75 per cent. of the remaining live peach buds have been killed. Cherries have been injured as well as plums, and the stand of peach seedlings is very considerably damaged."



## IN CENTRAL STATES

### MICHIGAN NURSERIES.

**Season's Business Most Successful—Orders Came in Freely—Stock Wintered Well—Collections Promise to be Good—Prospect of Heavy Fruit Crop Throughout the State.**

Benton Harbor, Mich., April 13.—H. L. Bird, secretary West Michigan Nurseries: "The present season's nursery business has been a very successful one with us. Orders have come in freely for the last sixty days and as our stock wintered in good shape this year, collections promise to be good. We would say in regard to the orchard conditions in the fruit belt of Michigan, that we think they never have been better. Every kind of bearing tree or bush promises a full crop, and unless we should have some late frosts we think that the fruit crop will, in Western Michigan, be a record-breaker.

"Peaches will be in blossom in about a week and if we can but get them through the blossoming season safely, we think that any late frosts that may come after that time would do very little damage."

### BUSINESS HEAVY IN IOWA.

Shenandoah, Ia., April 18.—E. S. Welch: "We are still filling spring orders, but have finally caught up and think orders will run small from this date.

"Have not had time to make comparison yet with previous spring sales, but judging by the way we have been flooded with orders since the spring season opened, our volume of business will, undoubtedly, exceed any previous spring sale. Our supply of stock for this spring's business was, by far, the largest we ever offered. We have cleaned up closely on most lines of stock. Some kinds of stock have sold low, but prices on the whole, have been very good.

"The demand for cherry and Japan plum has been greater than the supply. This has been true of a good many other kinds of stock. The year ending at the close of this spring's business, should be one of the best that nurserymen have experienced for several years, as there has been a general cleaning up in all lines of stock, leaving but little to burn.

"We should have a large and enthusiastic attendance of nurserymen at the annual convention at West Baden Springs, Indiana."

### HEAVY SALE OF NURSERY STOCK.

Vincennes, Ind., April 12.—H. M. Simpson & Sons: "The trade with us this spring has been very good and in fact more than we had anticipated after our hard winter. We have cleaned up on almost everything, and had the spring been a little backward we would have had nothing left. Spring, however, was three weeks earlier than usual and we are practically done shipping already. The sale on one-year cherry was very heavy and many orders were turned down which came in too late. Prices prevailing have been good.

"The prospect for fall is quite flattering, we think, and we look for a large trade. Have booked some orders for cherry already for fall and it looks like the trade was going to be good with a rather short

crop in sight. We have a good stand of buds in cherry and peach and if we have no severe cold weather later this spring we should have a fine lot of trees.

"Apples, peaches, plums and cherries are all in bloom at the same time here, which is quite unusual. The prospect for a good crop of all kinds of fruit now seems to be good. Our orchard in Illinois is showing up fine. Have sprayed it once already and expect to spray three times more."

### IN THE MIAMI VALLEY.

Phoneton, Ohio, April 12.—N. H. Albaugh, president Albaugh Nursery and Orchard Co.: "Trade has been generally satisfactory for spring just closing, very little surplus stock to transplant or burn. Stock came through the winter in very good shape, buds a fine stand on peach, plum, cherry and apple; also pear. No damage whatever to yearling stock. The outlook for fall trade is good. A large stock of peaches and cherries for fall trade in this valley. A keen inquiry for cherry for fall and already large orders are being placed at remunerative prices."

### SHIPPING FOR SIX WEEKS.

Shenandoah, Iowa, April 13.—D. S. Lake: "We are still very busy with our spring business. We have been shipping for six weeks. From the best information I can get the western nurserymen will clean up their stock much closer than they have done for several years. It looks as though we would clean out much closer this year than usual."

### CINCINNATI APPLE MARKET.

Cincinnati, Ohio, April 17.—S. & M. Weil & Co.: "Apple market boomed to-day owing to light receipt and cool weather. Baldwins which brought \$2.00 a few days ago sold at \$2.25 to \$2.35 to-day. It looks as if demand will continue good at advanced prices. Russets are especially active, good bright firm Roxburys selling at \$3.00 with firm Goldens at \$3.25. What few Greenings are on the market are bringing \$3.00, Spies \$3.00 to \$3.50. A couple of weeks of cool weather will keep stock moving at good prices, and we are in hopes of being favored with these conditions. There are very few apples held in our local cold storage houses. Shippers would do well to get in touch with us. We can place shipments quick and assure satisfactory returns."

One of the largest fruit commission houses at the head of the Great Lakes in the Knudsen-Ferguson Fruit Company of Duluth. From a small beginning ten years ago, they now occupy the entire building at 218-220 West Michigan Street, where they have unexcelled facilities for taking care of their constantly increasing business. They also maintain a branch house at Superior, Wisconsin, and one at Ashland, Wisconsin, where they enjoy a large patronage. During the season of navigation they are large shippers of fruits and vegetables to Canadian ports. This firm is also a large handler of apples, maintaining two apple packing stations in the Eastern Apple district, where the several varieties are packed for shipment to western markets.

### INDIANA CONDITIONS.

**Vincennes Nurserymen Report Ideal Spring Planting—Trade the Best in Years—Surplus Closed Out—Shortage in Cherry, Plum and Quince—Orchard Planting Increasing—The Fruit Crops.**

Vincennes, Ind., April 15.—W. C. Reed: "The fruit prospects for Indiana are the best we have had for a number of years; in fact I never saw the trees so full of bloom, and they seem to be in perfect health and in good condition. If the warm weather continues without any late frosts, I see no reason why we should not have splendid fruit crops. Although we have had some bad frosts, I do not think anything has been damaged.

"Of course the peach crop will be very light, but there are quite a number of peach trees, including both buds and seedlings, that are showing considerable bloom, so that we will have a light crop of peach, even though the thermometer was 24 below zero.

"In regard to the nursery conditions, we have had a very satisfactory spring. The ground has been in ideal condition for spring planting and we have not lost a day since our spring packing commenced. We have our planting mostly completed at this date and think we will have the best stand of stock we have had for a number of years; having had heavy rains since we commenced planting.

"Our spring trade has been the best we have had for a number of years and orders are still coming in quite freely. I think by the close of another week all surplus will be closed out. There has been quite a shortage in some lines of fruit, especially in cherry and apple, also pear. No damage for a good trade the coming summer, as the farmers are getting a good price for their crop and have good promises of a large wheat crop the coming season, which I think will reflect a good fall business.

"Fruit stock has gone through the winter in splendid condition. I think the planting in the fruit line in this part of the state has been about the same as usual."

### CLEAN-UP CLOSER THAN USUAL.

Bridgeport, Ind., April 11.—Albertson & Hobbs: "We are just now winding up the heaviest of our spring packing and have not had time to check up to know where we are or what we have done, but it looks like we have sold out closer than we have done for a number of years. Have less surplus left on hands, and that surplus principally light grades and odd varieties, and think this is the case generally throughout this section of the country. Cherries and plums have sold very close, also most varieties of pears; and first grade apple have sold closer than usual, though there is quite a surplus of the lighter grades.

"We think the outlook for business the coming year is better than it has been for the last three years. Conditions generally seem to be favorable for a good summer's work by agents, and do not think there is as much stock to be carried over as there has been in the past.

"Think plantings will be about the same this year as usual, that is in this section of the country."



## FROM WESTERN POINTS

### BEST IN THE HISTORY.

**Nursery Conditions in Missouri This Season—  
—Flooded with Orders During March—  
Clean-up Closer Than in Years—  
Refused Peach Orders for  
Two Weeks—Apricot  
and Plum Too.**

Nursery, Mo., April 19.—F. A. Weber, secretary and treasurer, H. J. Weber & Sons Nursery Co.: "The nursery conditions in Missouri for the season just now coming to a close have been the best in the history of our business. On March 1st we had less orders on our books than ever before due to the severe winter and the conditions accompanying same which made it impossible for our agents to call upon customers during the months of January and February as has been their habit.

"About March 1st the weather became suddenly mild and within one week the frost that was over two feet deep came out and with it came the orders. Never before have we been flooded with orders as we were during the month of March. The season took us by surprise and before we knew it, we were short many items that we thought only a few weeks previous we would be long on. We have cleaned up on stock in many items closer than has been the case for years.

"Peach have been cleaned out in all varieties and we have been refusing orders for them for almost two weeks. Apricot and plum are equally well cleaned up. Cherry have also been a staple article and there remains but little surplus in them excepting a few sweet sorts. Pear have not moved as freely with us as they might have and this is the only thing we have of which there remains a little surplus; even these could have been disposed of had we been able to handle the trade. Apple have moved quite freely and we have no surplus to speak of excepting in Ben Davis, N. W. Greening and a few of the same class of varieties."

### LARGE INCREASE AT YANKTON, S. D.

Yankton, S. D., April 18.—George H. Whiting: "Spring opened up very early here. Weather was unusually warm for the season and at the beginning of this month, vegetation was nearly a month in advance of ordinary seasons; but since that date we have been having some very cold weather with severe freezing and some snow. Fortunately, however, fruit buds were not sufficiently advanced to receive any serious damage, and though we are still on the anxious seat in regard to late frosts, we still have hopes of a bountiful fruit harvest, as most of our fruit trees are starting fruit buds in good shape.

"In regard to the nursery business in this section I think it is much better than that of any previous season in the history of the country. It is a little early, however, to give definite figures. But so far as my own business is concerned, I find that I have booked at the present time two and one-half times as many orders as I had last year on the same date, and orders will average considerably larger. There seems to be a decided increase in the planting of fruit trees in this section; especially is this true of apple, cherry and plum.

"In regard to the prospects for fall sales, they are at present very flattering. My planting this year is about double that of last year. I have increased my acreage 20 acres, so that I now have something over 90 acres pretty closely planted. I expect to be at West Baden Springs in June."

### MISSOURI TRADE AND CROPS.

Sarcoxie, Mo., April 18.—James B. Wild & Bros.: "The conditions of orchard fruits in this section is confined to apples and pears which promise a full crop; in plum and cherry one-fourth to one-half crop; peaches, none; dewberries, full crop; blackberries, one-fourth crop; strawberries in fine condition. Early varieties in full bloom though injured some by frost of the night of the 16th.

"Nursery operations were retarded some early in the season, but are now well under way. Sales were good in some lines, but peach sales suffered from loss of peach crop generally in the southwest.

"Prospects for fall are a very complete stock and coming on in fine condition. We look for the nursery trade generally to hold for more uniform prices instead of the reckless prices put forth by some of the leading nursery firms in price ads."

### UTAH DEMAND LIVELY.

Salt Lake City, Utah, April 14.—John Watson, secretary, Pioneer Nurseries Co.: "Conditions here are very satisfactory. Spring trade has been good, better than usual. Shade trees of all kinds have been used up pretty closely. None of the local nurseries, as well as I can judge, have any large surplus left on hand. Last year's cherry crop in this state was so profitable as to make a good demand for cherry trees, especially the sweet varieties, which have been scarce the past three years. The high prices paid for peaches by the California canneries caused the Utah nurseries to sell all their peach trees. Oregon, Washington, and Idaho pears brought such good prices in the New York, Boston, and other Eastern fruit markets, that pear trees have sold well this season and at higher prices than usual. The California demand for Bartlett pears has been especially heavy. A good many car loads of pears went East from Utah nurseries. Our shipping season will be over in about two weeks.

"We are putting in another cellar to be ready by fall with a capacity of 5,000 square feet. This new cellar is being built on the switch at our packing grounds.

"The warm weather of February and early March was followed about March 20th by the severest cold of the winter, causing considerable damage to the peach and cherry crop which will be cut short about one-third. This will give us less fruit, but we will get better prices for it. There was an over-production last summer, as few of our local fruit-growers have sufficient fruit to ship in car load lots. We must plant fewer varieties and have better organization of our fruit-growing interests here."

It is reported that 60,000 fruit trees were recently burned at North Yakima, Wash., to destroy a pest.

### DEMAND FOR TREES.

**Much Stronger in Nebraska and Throughout the West Than a Year Ago Because of Favorable Winter and Spring Conditions—Few Countermands—Nurserymen Selling Out Closely—Large Apple, Cherry and Grape Crop.**

Crete, Neb., April 13.—E. F. Stephens: "A careful examination of our own commercial apple orchard and such reports as we have had from the country round indicate that the apple orchards are in excellent condition. There was much more than the usual amount of snow. At the time of the most severe weather the ground was covered with an unusually heavy fall of snow. This gave root protection.

"Cherry orchards are in good condition and promise full crops. The peach orchards were quite seriously damaged by winter and a peach crop in Nebraska will be an entire failure.

Vineyards are in excellent condition where protected. In spite of the very low range of temperature, some 30 to 35 degrees below zero, Snyder blackberry plantations are in good condition. Small fruit plantations promise well.

"Talking now for the nurserymen: The nursery trade in Nebraska is influenced a great deal by the weather. Over very wide areas from the Missouri River to the Rocky mountains and as far south as Texas there was an unusually heavy fall of snow. This gave more than the usual amount of winter moisture. March had more than the usual amount of rain. Conditions were therefore favorable for planting. The conditions for tree planting are more favorable this spring than for many years. Therefore the demand for trees is very much stronger than a year ago. As favorable conditions for planting may not come again for a number of years. A year ago Nebraska had a dry winter and a dry unfavorable spring and each and every nursery received thousands of dollars of countermands. This season public confidence is such that very few customers have desired to countermand and a considerable amount of direct off-hand trade has been received by all of the different nurseries. I think most of the nurserymen of the state expect to sell pretty closely and all regard the season as especially favorable.

"Regarding the outlook for fall trade. That will be controlled very largely by the conditions of the crop and the weather the coming summer. It promises to be fair to good."

C. & M. Wild, Sarcoxie, Mo., who make a specialty of herbaceous peonies, growing more than 70 varieties, also 20 varieties of dahlias, received a silver medal for their exhibit of herbaceous peonies at the St. Louis Exposition. John Charlton & Sons, Rochester, N. Y., received first prize.

Director J. Wilson Evans of the Pacific Commercial Museum is sending circular letters to fruit canners, fruit dryers, packers and shippers of California, calling attention that there is a field for these goods in the European colonial possessions, which obtain their supplies of California goods from English and Continental European ports, paying a higher price than they could obtain them from California, and the additional cost of double transportation.

## COMMERCIAL ORCHARDING

### SEEDLESS PRO AND CON.

**Plain Statements For and Against the Claims of John F. Spencer, of Grand Junction, Colorado—For Information of Nurserymen and Orchardists—Claims of the Originator and Plans of the Company.**

Much has been written regarding the Spencer seedless apple. Most of it has been a repetition of a general statement that the apple is "seedless, coreless, flowerless and insect-proof." To conservative horticulturists these statements have seemed extravagant, for seedless apples are not entirely a novelty and up to the present time their quality has not been regarded with favor.

AMERICAN FRUITS has no desire to indorse unqualifiedly a variety whose merit has not been proven. This journal has recorded as an incident in current horticultural circles the claims of Mr. Spencer in a general way. It has also presented the views of those who think this particular apple can have no positive advantages over other seedless apples.

### MR. SPENCER INTRODUCED.

We believe now that nurserymen and fruit growers generally will be interested in making the acquaintance of Mr. Spencer and therefore we take pleasure in introducing him to our readers through his portrait presented herewith.

The editor of the Rural New Yorker upon receiving a visit from W. C. Scheu, the general manager of the Spencer Seedless Apple Company, sampled one of the seedless apples and pronounced it of similar quality to the Ben Davis. The Rural New Yorker then says:

### THE MANAGER INTERROGATED.

We happened to have a basket of Palmer Greenings on hand, and asked Mr. Scheu to sample one in connection with his own fruit. He was then asked this question: "After tasting these two apples, what argument can you give as to why a man should plant your trees in preference to Palmer Greening, Baldwin, Northern Spy or other proved varieties? Why should a man pay \$1 or more for a tree of this inferior fruit, when trees of good apples can be bought for 20 cents or less?"

A fair synopsis of his answer follows: "This is the best evaporating apple because the core is small. It contains 25 per cent. more 'meat' or flesh than any seeded apples. It is a good keeper.

### WHAT MR. SPENCER CLAIMS.

Regarding this "Horticultural Wonder of the World," John F. Spencer says: "There have been seedless apples in existence for two hundred or three hundred years, I think. I have learned from reliable sources, there are quite a number of apple trees throughout the United States, at different places, that grow apples without seeds. I also understand that the apples produced by these trees are of no commercial value whatever. I claim that I have the only commercial seedless apple in existence that you can bud or graft from and always as a result, get trees that will produce seedless apples. I also claim that I have the only seedless apple of good commercial value in the world."

A member of the Seedless Apple Company said to a representative of AMERICAN FRUITS:

### THE COMPANY'S PLANS.

"This company has succeeded in organizing fifteen sub-companies throughout the United States which will control the raising and selling of the Spencer Seedless apple trees in twenty-nine states. We expect to have eight or ten more state companies organized within the next few months. In fact, we will have the whole United States covered completely within six months from the present date. In addition to that, we have already arranged for a nursery of 60,000 to be started in Switzerland this spring, 1905, as well as a nursery of about the same size in Great Britain.

"There will be lined out in the nursery row this spring, by the sub-companies in the United States alone, in the neighborhood of two million seedling apple trees, which will be budded at the proper budding season this fall, and these trees will be ready



JOHN F. SPENCER,  
GRAND JUNCTION, COLO.

for the market in the spring of 1906, and the first deliveries will be made the following fall."

It is stated that in each of the sub-companies formed the Spencer Seedless Company holds 51 per cent. of the stock.

### U. S. POMOLOGIST WATCHING IT.

Colonel G. B. Brackett, pomologist of the U. S. Department of Agriculture, said to a representative of AMERICAN FRUITS:

"We are endeavoring to keep close watch on everything pertaining to the Spencer seedless apple, as well as on many other so-called seedless apples which we have found over a wide range of country, not only in the United States, but in Europe. I am obtaining scions from as many of these as possible for testing on our experimental grounds.

"I have never seen a seedless apple I thought worthy of propagation."

### BETTER APPLE DEMANDED.

**Missouri Nursery Company Notes Marked Increase in Sale of Fruit of Exceptional Eating Quality—Large Sales To New Customers Starting New Orchards—Heavy Season's Business.**

Nursery, Mo., April 19.—H. J. Weber & Sons Nursery Co.: "We note a marked increase in the sale of the earlier varieties of apple and those having exceptional eating qualities. The demand now seems to be for something better than the mere commercial apple. This may, however, also be taken in another light and that is that we have not had an apple crop in Missouri the last year and in consequence the commercial planter has done very little in the orchard planting line this spring. Our sales have been mostly to new customers and parties starting new orchards.

"All in all, we believe that the nursery interests are looking forward to a good fall trade and if the late frosts we have been having have not injured the apple crop and other fruits, the conditions in Missouri will be very flattering.

"The peach crop in Missouri while cut down considerably by the severe cold still promises to yield a remunerative crop, even if on many varieties we have only prospects for one-quarter and on others prospects of one-half crop.

"Plum, cherry and pear are blooming profusely and indications point to an immense crop, providing the last few days of cold weather and frost have not injured them, which at the present time is almost impossible to determine.

"Strawberries in this section have suffered more by the late frosts, as far as we can determine at present, than any of the other fruits, they being just in full bloom.

"As to the amount of sales made this spring, it will be impossible to give even an approximate account, as we are yet busy with our entering and getting out delayed bills. All in all, we believe that our trade this spring will equal our last year's business which, owing to the World's Fair, was the heaviest we ever had."

### TRANSPORTATION NOTES.

There ought not to be any great difficulty on the part of the railroads and the fruitgrowers' associations in reaching an agreement in regard to freight and express rates on fruit shipments. The fruitgrowers need low rates in order that their markets may be enlarged and the railroads should recognize that compliance with reasonable requests would increase their traffic.

California green fruit growers and shippers, who are giving the Southern Pacific and Santa Fe between 7,000 and 8,000 carloads of fruit for the East every year, are to make a strong agitation for a reduction in rates and the matter may go before the Interstate Commerce Commission. While the orange men have for years been paying a rate of \$1.25 per 100 pounds to all Eastern points the deciduous fruit men are being charged \$1.25 per 100 pounds to Chicago, \$1.50 to New York and \$1.50 to Boston and Montreal.

A few large dealers report a good export demand for Russet apples.



## AMERICAN FRUIT ABROAD

### OUR LONDON LETTER.

#### BRITISH GROWERS CANNOT COMPETE WITH AMERICA IN APPLE QUALITY.

Testimony of Writers in the English Press—  
Good Supplies of American Apples Arriving in England—Great Improvement in Packing Is Rated—Strong Competition in Australian Consignments—Cape Apples Also—Silver Medal for Nova Scotia Exhibit at Crystal Palace.

[SPECIAL COVENT GARDEN CORRESPONDENCE.]

AMERICAN FRUITS Bureau,  
London, Eng., April 15, 1905.

A special commemorative gold medal has been presented to the Nova Scotia government for a fine display of dessert, cooking and cider apples which has been on show in the Canadian court of the Crystal Palace in London, during the last four months. This success has been followed by the agent general for Nova Scotia securing a silver medal for 40 dishes of apples at a show of Colonial fruit organized on March 30th and 31st by the Royal Horticultural Society at their hall in London.

An interesting correspondence has lately appeared in a London horticultural paper, as to whether American apples are superior to the English fruit. An Irish correspondent, contributing his experience, writes: "I certainly think that we have no English or Irish apples to compare with the Americans. I sincerely wish that we had, but whether it is the United States climate which produces such delightful apples and fruit or not, yet I am certain, notwithstanding the excellent varieties which we grow here for dessert and kitchen use, none of them can compare at all with the American product. We simply cannot compete with them in quality." This testimony, backed up by the views of other writers, is certainly very encouraging to the American growers.

#### GREAT IMPROVEMENT IN PACKING.

Recently I interviewed Mr. W. A. Crouch, the secretary of the Liverpool Wholesale Fruit and Potato Merchants' Association, and a member of the firm of Messrs. Smith and Crouch, importers of American and Canadian fruit. He stated that the arrivals in Liverpool of Canadian and American apples have been heavy, and the quality has been fairly good. Liverpool being the chief centre for distribution, a good trade was done in these importations. The arrival of Californian apples has not been as heavy as in previous seasons. In spite, however, of the fact that the quality of the fruit on arrival was not up to the usual standard, the prices realized, especially for the later varieties, were higher than in the previous years. A very great improvement, Mr. Crouch stated, is noticeable in the grading and packing of the American and Canadian fruit, this being due to the strenuous efforts made by the authorities to impress upon various pack-

ers the necessity of a fair grading of fruit. If a man gets a good name for his reliable packing, his particular brand is bound to be in demand, and to realize good prices. "The Canadian Fruit Marks Act has been very beneficial," I suggested. "The Act has been very useful," Mr. Crouch replied, "and when its provisions are strictly carried out, a higher standard of excellence is secured. During the last few years we notice that the Canadian apples have been of better quality, this being due to the action of the government in doing everything possible to foster the fruit growing in the Dominion.

#### APPLE MARKET WELL SUPPLIED.

There have been good supplies of American, Canadian and Nova Scotian apples on the market lately. The quantity imported into the United Kingdom for the week ending April 1st was 95,186 cwts. as compared with 55,293 cwts. in the corresponding week in 1904. The government figures for the three months ending March 25th showed that the total was 947,431 cwts. as against 1,064,273 cwts. in the first three months of 1904. Some of the parcels now arriving are of excellent quality and maintain good prices, whilst there are many inferior samples which are sacrificed at low figures. Californian and Oregon Newtown Pippins are coming to the end of their season, after a good run. The Canadian and American supplies have to meet a strong competition in the Australian consignments. The first large shipment arrived last week, when the SS. "Ormuz" arrived with 6,800 cases of South Australian fruit. The consignments came in satisfactory condition. The sorts including Cleopatra, Dunn's Seedling, Adams' Pearmain, Russets, London Pippins, Reinette du Claude, and Cox's Orange Pippin, Wellington, Jonathan, etc. The prices realized at the auction sales at Covent Garden, ranged from 9s to 20s. a case. This week another shipment of about 16,000 cases is expected. Cape apples are also on sale in single layer boxes, which realize from 4s to 5s. each. Californian pears are nearly over. Some fine specimens having been obtainable during the season. Pears from the Cape, including Williams, Beurre Clairgeau, Beurre Hardy, etc., have met with a ready sale.

#### FOR HANDLING EXPORT TRADE.

It is officially notified that the Western Ontario apple growers have formed a large number of Co-operative Associations, with the object of handling the export trade in apples to the United Kingdom market next season. Up to the present this method of marketing apples has only been employed in connection with domestic trade, including shipments to Manitoba and the Northwest. The success which has attended the efforts of those older societies has induced a large number of associations to organize themselves. The representatives of the various societies have decided to pool their products and sell in common. This will mean a 50,000 brand lot to be disposed of practically by one seller. Under no circumstances will the fruit be sent on consignment. W. H. A.

#### PLEA FOR APPLE DAY.

Manifest Advantages of Such Observance—  
Potent Means of Educating the People—  
Publicity Without Cost—Nurserymen,  
Orchardists and Consumers Benefitted—October 17th the Date.

JAMES HANDLY, ILLINOIS.

Inasmuch as New York made a formal motion for the observance of a National Apple Day at the last meeting of its State Fruit Growers' Association held at Geneva in January, and as Delaware has distinguished itself by being the first to second the motion, the question is now fairly before the people for discussion.

Since the motion has been duly made and seconded, expressions and votes in favor of its adoption come from many states and horticultural communities. We earnestly hope that all of the nurserymen everywhere will see the advantages of this movement and push it along with the enthusiasm that its merits deserve.

To commence with, if a National Apple Day is observed all over this country, it would mean a general diet of apples and this feature would require at least a half million barrels of apples for use on that day; this would give a great stimulus to all apple markets. The use and advantages of the apple would further be indelibly impressed upon the attention of people who have not yet appreciated the benefits of such food. Where apples are generally used good health follows. It would be quite a revelation to the general public to learn that thousands of family tables could be enumerated where the apple does not appear once in a whole year, and missionary work could be done to call attention of such people to better privileges.

The third Tuesday in October has been generally agreed upon as the day, as it was desirable to fix the day at a time when the fall and winter apples would be common in the market. In most communities no doubt, horticultural societies and public-spirited individuals would take up the matter of offering prizes to school children on that day for the best essays upon apples. The schools in the United States are very efficient, but still instruction as to the growing and caring for fruit trees could be more generally given and such help would be useful in many ways.

October being the month during which many fairs, and farmers institutes are being held, fine exhibitions of fruit could then be made and timely talks and instructions could be given at that time also by competent persons. The fruit venders all over the country would no doubt make special decorations, attractive and artistic exhibits of the apple on that day and the housekeepers generally would study and devise some new way of cooking the fruit and thus enlarge its great sphere of service. It is, therefore, to be hoped that all who have the remotest interest in the apple industry will take up the work of making Apple Day a success and lend their best efforts in giving force to the movement.

Horace Prince, of the Prince Company, Los Angeles, Cal., proposes to ship oranges in bushel baskets instead of in crates.



## IN NURSERY AND ORCHARD

The recent Act of Congress to prohibit the importation or interstate transportation of insect pests, and the use of the U. S. mails for that purpose has been distributed as a circular by the Treasury Department to collectors and other officers of customs.

Eastern nurserymen are requested to be represented by plantings on the grounds of the Lewis and Clark Exposition at Portland, Oregon.

The shipments of strawberries from Alvin, Tex., from March 1 and including the 23d last year were 8,551 crates. Covering the same period this year, only one crate has been shipped. This difference is due to the continued cold weather this season.

James B. Wild & Bro., Sarcosie, Mo., write: "We believe the West will attend the Nurserymen's convention at West Baden, Ind., in a greater number than last year and that many will go from there to the meeting of the American Peony Society in Chicago."

The annual fruit crop of the United States has a value of \$132,000,000. The orchard fruits produced each year have a value of \$84,000,000; small fruits, \$25,000,000; grapes, \$14,000,000, and citrus fruits grown principally in California and Florida, \$8,549,000.

The fruit growers of Southern Indiana are jubilant over the prospects for a fine crop this season. Apples, peaches and pears promise an abundant yield and prospects are good for an enormous crop of strawberries and raspberries.

The largest line in America of high grade sprayers is listed by E. C. Brown & Co., Rochester, N. Y. One of the specialties of this company is an orchard and park spraying rig, the only hand power sprayer for large operations. The catalogue of this company should be on the desk of every Nurseryman and Fruit Grower.

H. F. Coulver and J. M. Graham have incorporated the Graham Nursery Company at Mechanicsville, Ia., with a capital stock of \$10,000.

The most prominent subject of discussion at the Massachusetts Fruit Growers' meeting in Worcester, Mass., recently was apple culture. Plums, peaches and small fruits received some attention, but the talk showed a tendency to switch off on to apples at every opportunity. Evidently most of those present considered apples the main business crop.

At a special meeting of the stockholders of the Southern Michigan Fruit Association the officers were authorized to contract for 1,000,000 climax baskets for the use of members of the association in harvesting this year's crop of grapes. The contract goes to the Grand Haven Basket Company of Grand Haven.

J. W. Shadow, proprietor of the Cedar Hill Nursery and Orchard Co., Winchester, Tenn., has 500 acres in general nursery stock, both fruit and ornamental, and 700 acres in commercial orchards in Georgia.

H. M. Simpson, H. D. Simpson and R. A. Simpson compose the well-known firm of H. M. Simpson & Sons, proprietors of the Knox Nurseries, at Vincennes, Ind., which in addition to its large nursery plant has a commercial orchard at Parkersburg, Ill.

The West Michigan Nurseries, Benton Harbor, Mich., of which H. L. Bird is secretary, have 913 acres in nurseries at Eau Claire and Berrien Springs, Mich.

That the Crete Nurseries, Crete, Neb., of which E. F. Stephens, who has been a third of a century in western horticulture, is the proprietor, grow fruitful trees is evidenced by the fact that the orchards of this company yield 13,000 bushels of apples and 700 bushels of cherries in one season.

The interstate commerce commission has entered an order reopening the inquiry into the icing charges imposed by the Armour car lines under authority of the Michigan Central and Pere Marquette Railroad companies on fruit shipped from points in Michigan to interstate destinations, and has set the matter for hearing in Chicago on May 9th.

At the spring meeting of the Michigan Horticultural Society the reports on Michigan fruit prospects were very encouraging, all parts of the state reporting trees and buds to be in the very best of condition. On the other hand, reports were read from Illinois, Missouri, Arkansas, Indiana and Kansas, where all peach buds are dead. Texas and Ohio have been badly hurt, while Georgia, western New York and Michigan are the only points having prospects for a good crop.

Last year 1,500 carloads of apples, valued at \$600,000, were carried by rail from the State of Washington and this was less than one-half of the amount grown. Those not shipped were wormy and were left to rot or to be consumed at home. It is figured that the farmer lost \$200,000 to the worms in last year's crop. Spraying would prevent much of this loss.

Recent plantings in South Carolina include 80,000 pear, 15,000 peach, 5,000 plum, 2,000 cherry and 15,000 pecan trees.

J. S. Kerr, of Sherman, Tex., owner of the Appleton fruit farm, located 18 miles northwest of Sherman, on Red river, is preparing to put out twenty acres of apple trees, making the total acreage on this farm 120 acres. He expects a great fruit harvest this year.

Commissioner of Agriculture O. B. Stevens has returned to Atlanta from a trip through southwest Georgia, and he reports that crops of all kinds are in fine shape. Peaches, he says, have not been injured by the rains, and the outlook at present is for a good yield.

Fruit growers express the opinion that Grayson County, Texas, will grow a bumper crop of fruits of all kinds this year. Hon. E. W. Kirkpatrick, of Sherman, one of the state's most prominent nurserymen, said his observation led him to believe conditions particularly favorable to fruit growers this year.

Advices to AMERICAN FRUITS from Martinsburg, W. Va., are to the effect that the outlook for the largest crop of apples in the history of the valley, is thought to be secure. Making due allowance for the new orchards coming in, Berkeley County will ship between 250,000 and 300,000 barrels of No. 1 apples alone.

At the meeting of the premiums committee of the West Michigan State Fair association it was determined to eliminate the plan of individual plates of fruit and to provide for more general exhibits. The scheme this year is for small collections representing particular ideas, and for all kinds of fruits. There also will be premiums for the most beautiful exhibits of any one variety, the size and the method to be left to the judgment of the exhibitor.

Where a dollar's worth of fruit was consumed ten years ago, ten dollars' worth is wanted now. Unless all signs fail, one hundred dollars' worth will be required ten years from now.

J. H. Gassaway and Captain Harkey, practical nurserymen, who have been prospecting at Caldwell, Tex., with a view to locating a nursery and fruit farm, have received 3,600 peach trees and propose to set out an orchard of twenty acres. If their plans materialize they will purchase more land and be prepared to put out a much larger acreage in fruit next year.

Kansas has four apple orchards of 40,000 trees each, says the Kansas City Journal, one of 25,000 trees, one of 20,000 trees, one of 18,000, three of 15,000 each, three of 10,000 each, 15 of from 5,000 to 9,000 each, eight of 4,000 each and six of 3,500 each. The Yaggo orchard, in Reno County, produced 55,000 bushels of apples last year.

The Niagara Peninsula United Fruit Growers' Association will apply to the Dominion government for the establishment in that district of a college devoted to fruit growing and an experimental farm. It is declared that the present government agricultural colleges are of no practical use for the tender fruits grown in the southern portion of the Dominion.

Robert Craig Berckmans, of the well-known Fruitland Nurseries, P. J. Berckmans Company, Augusta, Ga., married Miss Caroline Horne of Dalton, Ga., on April 27th. They have the congratulations and well wishes of a host of friends.

Secretary Wesley Greene, of the State Horticultural Society, says the outlook for fruit in Iowa is better than for many years. Apples, American plums and strawberries are rated at 92 in the crop estimate.

The seventh annual meeting of the Mississippi Valley Apple Growers' Association was held at Quincy, Ill., on March 23d. This organization differs from State Horticultural Societies which hold only one meeting during the year. Its zeal in the promotion of its specialty, the growth of the apple, and all interests pertaining to the apple industry, causes the society to hold not less than a half a dozen meetings during the year and sometimes it exceeds this number. C. H. Williamson and James Handly, both of Quincy, Ill., were elected respectively, president and secretary-treasurer for the ensuing year.

The steamer Admiral Dewey, of the United Fruit Company's fleet, arrived at Boston from Jamaican ports on April 4th with a cargo of 33,225 bunches of bananas besides shipments of limes, limejuice, coconuts and other freight.

"Within fifteen years the importation of canned, dried and preserved fruits into this part of France has doubled," says the U. S. commercial agent at Limoges, France. California pears, plums, apricots and peaches are found in every grocery store, and dried fruits of every variety, of better quality than the domestic product, are sold throughout France generally. However, there is still an opening for a large increase in this business, and if the French market is properly approached sales could be doubled."

Business men and shippers will be glad to know there is a strong tendency now to get all railroad reforms into one congressional measure which will be in effect a remodeling of the interstate commerce law, which in the end actually may repeal that statute. In that case, of course, all essential features of the old law would be reenacted. Action may be taken at the special session of Congress in October.

Three thousand apple seedlings were started last year at Sitka from certain hardy varieties furnished by the Minnesota experiment station. There have for years been a number of apple trees in Southeastern Alaska, and they have borne good fruit. It is the belief of the agricultural department experts that apples can be raised in several parts of the territory farther north.

In order to prevent overstocking of the fruit markets, the fruit associations of Hood River, Oregon, Puyallup and Vashon propose to unite in having one representative salesman each at Helena, Butte and Great Falls, and also at other points East.

## AMERICAN FRUITS.

An international monthly Nursery and Fruit Trade Journal, circulating throughout the United States and Canada and in foreign countries, covering every branch of the industry.

A Business Journal for Business Men.

PUBLISHED BY THE

American Fruits Publishing Company

16 State Street, Rochester, N. Y.

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Advertising rates will be sent upon application. Advertisements should reach this office by the 15th of the month previous to date of publication, to ensure best location.

Drafts on New York, or postal orders, instead of checks, are requested.

Correspondence from all points and articles of all kinds, of interest to the Nursery and Fruit Trade are solicited.

ROCHESTER, N. Y., MAY, 1905.

### FRUIT ASSOCIATIONS.

**American Pomological Society**—President, J. H. Hale, South Glastonbury, Ct.; secretary, John Craig, Ithaca, N. Y.

**International Apple Shippers Association**—President, C. H. Weaver, Chicago, Ill.; secretary, A. Warren Patch, Boston, Mass.

**National League of Commission Merchants**—President, George F. Mead, Boston; secretary, A. Warren Patch, Boston, Mass.

**Northwest Fruit Growers Association**—President, E. L. Smith, Hood River, Ore.; secretary, M. Hoffman, La Grande, Ore.

**Mississippi Valley Apple Growers Association**—President, C. H. Williamson, Quincy, Ill.; secretary, James Handly, Quincy, Ill.

**American Cranberry Growers Association**—President, Rev. E. H. Durell, Woodbury, N. J.; secretary, A. J. Rider, Philadelphia, Pa.

**Fruit Growers Association of Ontario**—President, A. McNeill, Ottawa, Canada; secretary, P. W. Hodgetts, Toronto.

**Nova Scotia Fruit Growers Association**—President, Ralph S. Eaton, Kentville, N. S.; secretary, S. C. Parker, Berwick, N. S.

**American Apple Growers Congress**—President, H. M. Dunlap, Savoy, Ill.; secretary, T. C. Wilson, Hannibal, Mo.

**Western Fruit Jobbers Association**—President, E. M. Ferguson, Duluth, Minn.; secretary, E. B. Branch, Omaha, Neb.

**Missouri Valley Horticultural Association**—President, George W. Holsinger, Argentine, Kan.; secretary, H. E. Chandler, Argentine, Kan.

**Fruit Growers' Association of Prince Edward Island**—President, Rev. A. E. Burke, Alberton; secretary, A. E. Dewar, Charlottetown.

**American Fruit and Produce Travelers' Association**—President, Harry B. Gerrish, Boston; secretary, J. R. Franklin, Baltimore, Md.

**National Federation of Horticultural Societies**—President, John P. Logan, Siloam Springs, Ark.; secretary, Charles E. Bassett, Fenwick, Mich.

**National Nut Growers' Association**—President, G. M. Bacon, DeWitt, Ga.; secretary, J. F. Wilson, Poulan, Ga.

### NURSERY ASSOCIATIONS.

**American Association of Nurserymen**—President, E. W. Kirkpatrick, McKinney, Tex.; secretary, George C. Seager, Rochester, N. Y.

**American Nurserymen's Protective Association**—President, R. C. Berckmans, Augusta, Ga.; vice-president, A. L. Brooke; secretary, Thomas B. Meehan, Dresher, Pa.; treasurer, Peter Youngers. Meets annually in June.

**Nurserymen's Mutual Protective Association**—President, N. H. Albaugh, Pheneton, O.; secretary, George C. Seager, Rochester, N. Y. Meets annually in June.

**American Retail Nurserymen's Protective Association**—President, Charles J. Brown, Rochester, N. Y.; secretary, Guy A. Bryant, Princeton, Ill. Meets annually in June.

**Eastern Association of Nurserymen**—President, W. C. Barry, Rochester, N. Y.; secretary-treasurer, William Pitkin, Rochester, N. Y. Meets annually in January.

**Western Wholesale Nurserymen's Association**—President, Peter Younger, Geneva, Neb.; secretary, E. J. Holman, Leavenworth, Kan. Meets in July and December at Kansas City, Mo.

**Southern Nurserymen's Association**—President, Herbert S. Chase, Huntsville, Ala.; vice-president, J. C. Hale, Winchester, Tenn.; secretary, Charles T. Smith, Concord, Ga. Meets annually.

**Southwestern Nurserymen's Association**—President, J. W. Preston, Kingfisher, Okl. Terr.; secretary, J. A. Taylor, Wynnewood, Ind. Terr.

**Texas Nurserymen's Association**—President, E. M. Kirkpatrick, McKinney, Tex.; secretary, John S. Kerr, Sherman, Tex.

**Pacific Coast Association of Nurserymen**—President, J. B. Pilkington, Portland, Ore.; secretary-treasurer, C. A. Tonnerson, Tacoma, Wash. Meets annually in June.

**Pennsylvania Nurserymen's Association**—President, W. H. Moon, Morrisville, Pa.; secretary, Earl Peters, Mt. Holly Springs, Pa. Next annual meeting at Harrisburg, in January.

**National Association of Retail Nurserymen**—President, William Pitkin, Rochester, N. Y.; secretary, John B. Kiley, Rochester, N. Y.

### COMMERCIAL EDUCATION.

Interest in the convention of the American Association of Nurserymen at West Baden Springs, Ind., in June, is increasing. The work of the programme committee has been most effective. Members of the Association are planning to attend the convention in large numbers and it is believed that it will be one of the best gatherings of nurserymen ever held.

Nurserymen are broad-minded and well informed and from letters received by AMERICAN FRUITS from a number of them we are led to believe that much interest will be taken in the discussion of soil inoculation by Dr. George T. Moore, of Washington, D. C. While nurserymen generally may not have had a scientific education, still there is perhaps no class of tillers of the soil that is more closely associated with the scientific investigators. The state nursery law brings them into direct contact with the entomologist and the pathologist, and at their annual meetings scientific problems are discussed by the best-trained horticulturists in this country. It has been found that nurserymen are not slow to apply practical deductions from scientific research.

Discussing Dr. Moore's address at the convention, one who knows him well said recently: "He is a man of splendid address and is a pleasant speaker. He takes kindly to questioning and the nurserymen need not hesitate to interrogate him. Though he may know comparatively little about the nursery business, it is probable that he will give results of investigations which may have the highest practical bearing on the nursery business. I believe that it is of advantage many times for nurserymen to hear of things about which they do not know, instead of having rehearsed to them the matters of everyday practice which they have long since learned."

### SEASON'S NURSERY TRADE.

We present in this issue special reports to AMERICAN FRUITS from the leading nurserymen of the country. These will be read with interest as showing present conditions in every section of the country.

A long close winter was followed by an early break-up and nursery agents who had found weather conditions against them during the winter months went forth with redoubled energy and orders came in so fast that lively work was necessary to get out the stock. The result was a general clean-up on most lines of nursery stock and a most satisfactory season's trade.

### A NATIONAL APPLE DAY.

A National Apple Day. Why not? Surely only benefit could result both to the consumer and the producer. As our correspondent in another column points out, many families do not know the value of the apple and their health and pleasure must be correspondingly affected. The producers, from the nurserymen to the commission men, have everything to gain by the creation of a greater demand for trees and for fruit. Let us have an Apple Day generally observed throughout the country. Once started, it may be developed in many ways. All that is necessary is for the national, district, state and local horticultural associations to agree upon urging the observance of the third Tuesday in October, for instance, as a date when the apple shall be made prominent in one or more of many

ways that may be devised for making known its healthful qualities. Who will follow New York and Delaware in the movement?

The next horticultural organization that meets should get into line; and the next, and the next, and the next! Let the Apple Consumers' League expand, each reader of AMERICAN FRUITS constituting himself a member on the spot. There are no rules, no officers, no fees.

### NURSERY LAW QUESTIONED.

Regarding the Shively law enacted by the last General Assembly of the Indiana legislature, providing a fine of \$50 to \$500 for substitution of nursery stock, without qualification, and for prosecutions under this act at any time within five years from the time of delivery of the trees, a prominent Indiana nurseryman said to a representative of AMERICAN FRUITS:

"It seems that the legislators became worked up over a swindle perpetrated at the Notre Dame University and adopted a bill which is unreasonable. No case can be made out against a nurseryman for honest substitution when his orders provide for it. The intention of the framers of the bill was to overcome the work of irresponsible dealers, but it should be qualified. The intent of the law is all right, but it has been carelessly worded, and as passed I think will be virtually a dead letter."

"A nurseryman cannot be held criminally or otherwise responsible for mistakes when he could show that he was conducting his business honestly and was using every effort to avoid such mistakes. The next legislature will undoubtedly amend the law, so that it will not confuse the honorable conduct of the nursery business."

Section 1 of the law reads as follows:

Be it enacted by the General Assembly of the state of Indiana, that it shall be unlawful for any person, persons, firm or corporation, acting either as principal or agent, to sell any person, persons, firm or corporation, any fruit tree or fruit trees, representing the same to be of certain kind, variety and description and thereafter to deliver to such person in filling such order and in completing such sale a fruit tree or fruit trees of different kind, variety or description of such fruit tree or fruit trees so ordered and sold.

### AGAINST THE BUSHEL

In another column we present the views of a prominent apple shipper of the Central West as well as those of the largest commission dealer in one of the eastern cities of the country, strongly urging that the use of the bushel measure be generally discarded in favor of the practice of buying and selling produce by weight.

When one realizes how the "standard bushel" measures of the states vary, the force of this argument is apparent. The standard weights of apples per bushel in 16 states are as follows: Iowa, Massachusetts, Michigan, Missouri, Ohio, Kansas, 48 pounds; New Jersey, Tennessee, Illinois, Texas, Minnesota, 50 pounds; Main, 44 pounds; Oregon, Washington, 45 pounds; Vermont, 46 pounds; Wisconsin, 57 pounds.

C. C. Bell, of Boonville, Mo., suggests that a convention of business men and producers be called to formulate a plan for securing a uniform standard of measurement for dealing in fruit and all kinds of produce.

"I think this is one of the most important questions before the American produce



dealers and producers," says Mr. Bell. "Let us adopt the 100 pound term. If we buy and sell by weight, there can be no misunderstanding."

We would be pleased to hear from our readers on this subject. The columns of AMERICAN FRUITS are open for the discussion of any practical topic relating to the nursery and fruit trade.

#### WESTERN NEW YORK PIONEERS.

We present herewith portraits of a group of pioneer horticulturists of the Western

Cornell University, Ithaca, N. Y., calls attention to the fact that since these men began their labors in this society, horticulture has passed from the age of amateurism to the age of commercialism. All branches of horticulture are now pursued in a scientific spirit.

In fifty years have come orchard tilling, cover-cropping, combating pests and diseases, pollination of fruits, plant breeding, improved implements, the fruit express, cold storage, foreign markets, special horticultural education, evolution of horticultural societies, experiment stations and de-



New York Horticultural Society, the cuts of which were loaned by the well-known secretary of that organization, John Hall, Rochester, N. Y. The faces of these pioneers very appropriately embellish the proceedings of the fiftieth annual meeting of this society, held during the last winter in Rochester. Of the pioneers thus represented, only two are living, George Ellwanger and Claudius L. Hoag.

In his interesting review of the progress of fifty years in horticulture, Prof. L. H. Bailey, dean of the College of Agriculture,

development from two to 500 horticultural books.

#### NURSERYMEN PLAN TRIPS.

Walla Walla, Wash., April 18.—C. L. Whitney, the Walla Walla nurseryman, announces that a company of sixty fruitmen will visit Washington this season. The party represents some prominent orchardists and nurserymen of Georgia. They will travel in a special train and visit all the fruit growing districts. Some are seeking locations while others will make the trip for pleasure and try to get all the information possible.

#### AMERICAN ASSOCIATION OF NURSERYMEN.

President, E. W. Kirkpatrick, McKinney, Tex.; vice-president, C. L. Watrous, Des Moines, Ia.; secretary, George C. Seager, Rochester, N. Y.; treasurer, C. L. Yates, Rochester, N. Y.

Executive Committee—Peter Youngers, Geneva, Neb.; M. McDonald, Salem, Ore.; George A. Sweet, Danville, N. Y.

Transportation—E. Albertson, Bridgeport, Ind.; M. McDonald, Salem, Ore.; H. B. Chase, Huntsville, Ala.; W. H. Moon, Morrisville, Pa.

Tariff—Irving Rouse, Rochester, N. Y.; Thomas B. Meehan, Dreshertown, Pa.; H. T. Jones, Elizabeth, N. J.

Legislation—C. L. Watrous, Des Moines, Ia.; N. H. Albaugh, Phoneton, O.; N. W. Hale, Knoxville, Tenn.; R. C. Berckmans, Augusta, Ga.; George A. Sweet, Danville, N. Y.

Programme—Harlan P. Kelsey, Boston; H. B. Chase, Huntsville, Ala.; John S. Kerr, Sherman, Tex.

Publicity—Ralph T. Olcott, Rochester, N. Y.; Orlando Harrison, Berlin, Md.; J. Horace McFarland, Harrisburg, Pa.

Exhibits—R. C. Berckmans, Augusta, Ga.; J. C. Hale, Winchester, Tenn.; M. B. Fox, Rochester, N. Y.

To Edit Report—J. Horace McFarland, C. L. Watrous, George C. Seager.

To meet Western freight classification committee at Manitou, Colo.—Peter Youngers, Geneva, Neb.; E. Albertson, Bridgeport, Ind.

To meet Eastern freight classification committee in New York City—William H. Moon, Morrisville, Pa.; James McHutchison, New York; H. Ward Davis, Baltimore, Md.

To meet Southern freight classification committee—H. B. Chase, Huntsville, Ala.; R. C. Berckmans, Augusta, Ga.

Annual Convention—West Baden Springs, Ind., June 14, 1905.

STATE VICE-PRESIDENTS—Alabama, John Fraser, Huntsville; Arkansas, George W. Scruggs, Colorado, George J. Spear, Greeley; California, Charles Howard, Riverside; Connecticut, Edwin Hoyt, New Canaan; Delaware, D. S. Collins, Milford; Georgia, R. C. Berckmans, Augusta; Illinois, Irving E. Spaulding, Spaulding; Indiana, W. C. Reed, Vincennes; Iowa, Samuel Lorton, Davenport; Kansas, E. P. Bernardin, Parsons; Kentucky, F. N. Downer, Bowling Green; Indian Territory, J. A. Taylor, Wynnewood; Maryland, Charles M. Peters, Snow Hill; Massachusetts, Harlan P. Kelsey, Boston; Michigan, Charles A. Hgenfritz, Monroe; Minnesota, E. A. Smith, Mankato; Missouri, W. P. Stark, Louisiana; Nebraska, George Marshall, Arlington; New Hampshire, John C. Chase, Derry; New Jersey, Hiram T. Jones, Elizabeth; New York, Theodore J. Smith, Geneva; Ohio, S. R. Fergus, Tippencanoe City; North Carolina, J. Van Lindley, Pomona; Oregon, M. McDonald, Salem; Oklahoma, J. A. Lopenam, Enid; Pennsylvania, Earl Peisen, Mt. Holly Springs; Tennessee, C. O. Fowler, Clinton; Texas, John F. Sneed, Tyler; Utah, John Watson, Salt Lake City; Virginia, W. T. Hood, Richmond; Wisconsin, T. J. Ferguson, Wauwatosa; South Dakota, George H. Whiting, Yankton.

#### NATIONAL LEAGUE OF COMMISSION MERCHANTS OF THE UNITED STATES.

OFFICERS—President, George F. Mead, Boston; vice-president, Frank E. Wagner, Chicago; secretary, A. Warren Patch, Boston; treasurer, Charles Roth, New Orleans.

EXECUTIVE COMMITTEE—Baltimore, Walter Snyder; Buffalo, A. D. Gail; Chicago, R. A. Burnett; Cincinnati, I. J. Cannon; Cleveland, A. C. Blair; Columbus, Henry Turkopp; Detroit, D. O. Wiley; Louisville, J. R. Schaefer; Memphis, L. Lawhorn; Milwaukee, R. Stafford; Minneapolis, D. W. Longfellow; Mobile, Charles G. Ibach; New Orleans, George W. Davison; New York, John W. Nix; Peoria, John J. Campbell; Philadelphia, J. D. Hendrickson; Pittsburgh, Charles E. Muehlbronner; Richmond, S. F. Padgett; St. Louis, F. W. Brockman; St. Paul, R. A. Durkee.

TRANSPORTATION COMMITTEE—George W. Bond, Baltimore; Adelbert F. Mead, Boston; George W. Paine, Buffalo; L. Lepman, Chicago; John Querioli, Cincinnati; L. A. Banks, Cleveland; H. Kelly, Columbus; J. D. Wiley, Denver and Detroit; R. H. Jones, Indianapolis and Kansas City; D. B. Sperry, Louisville; M. E. Carter, Memphis; E. R. Godfrey, Milwaukee; D. F. Gamble, Alhambra; Partridge, Mobile; S. Segari, New Orleans; W. J. Phillips, New York; W. A. Hill, Jr., Omaha and Peoria; B. H. Brown, Philadelphia; M. O. Coggin, Pittsburgh; W. F. Seymour, Richmond; George B. Schopp, St. Louis; W. A. Tilden, St. Paul.

SECRETARIES BRANCH LEAGUES—Baltimore, J. C. Leib; Boston, Henry W. Pratt; Buffalo, Fred Brennen; Chicago, A. W. Smith; Cincinnati, H. C. Beekley; Cleveland, J. B. Gifford; Columbus, C. C. Vail; Denver, L. L. Melcher; Detroit, John D. Wiley; Indianapolis, John W. Neumann; Kansas City, Charles G. Haines; Louisville, Fred Kohlbe; Memphis, L. Lawhorn; Milwaukee, J. H. Wussow; Minneapolis, D. W. Longfellow; Mobile, Philip Mucut; New Orleans, George W. Davison; New York, S. L. Gamble; Omaha, W. H. Hazard; Peoria, J. G. Reuter; Philadelphia, S. S. Darmon; Pittsburgh, Charles A. Muehlbronner; Richmond, R. M. McIntyre; St. Louis, G. G. Fairham; St. Paul, J. W. Filebrown.

#### INTERNATIONAL APPLE SHIPPERS' ASSOCIATION.

OFFICERS—President, C. H. Weaver, Chicago; first vice-president, R. J. Graham, Belleville, Ont.; secretary, A. Warren Patch, Boston; treasurer, W. L. Wagner, Chicago; executive committee: D. O. Wiley, chairman, Detroit; William Dixon, Hamilton, Ont.; C. P. Rothwell, Palestine, O.; A. L. McClay, Chicago; C. H. Williamson, Quincy, Ill.

COMMITTEE CHAIRMEN—Transportation, J. D. Hendrickson, Philadelphia; arbitration, A. L. McClay, Chicago; grades, Benjamin Newhall, Chicago.

STATE VICE-PRESIDENTS—Arkansas, J. L. Rea; California, W. R. Keller; Colorado, G. G. Liebgard; Illinois, C. H. Williamson; Indiana, J. L. Kesch; Iowa, C. F. Francis; Kansas, G. C. Richardson; Kentucky, E. H. Bowers; Louisiana, G. W. Davidson; Maine, F. D. Cummings; Maryland, E. S. Evans; Massachusetts, W. H. Blodgett; Michigan, George R. Howes; Minnesota, C. C. Emerson; Missouri, George P. Lang; Nebraska, O. W. Butts; New Hampshire, A. J. Hall; New York, C. B. Shafer; New Jersey, C. Wolters; Nova Scotia, J. M. Shuttleworth; Ohio, L. K. Sutton; Ontario, J. C. Smith; Pennsylvania, G. W. Butterworth; West Virginia, C. M. Davison; Wisconsin, J. H. Wussow; Chicago, S. A. Wheelock; New York City, Austin Kimball.

#### APPLE GROWERS' CONGRESS.

OFFICERS—President, Henry M. Dunlap, Savoy, Ill.; vice-president, W. R. Wilkinson, St. Louis; secretary, T. C. Wilson, Hannibal, Mo.; treasurer, Wesley Greene, Des Moines, Ia.; statistician, John T. Stinson, St. Louis, Mo.

EXECUTIVE COMMITTEE—Henry M. Dunlap, W. R. Wilkinson, T. C. Wilson, Wesley Greene, John T. Stinson, W. W. Farnsworth, Waterville, O.; A. V. Schermerhorn, Kinmundy, Ill.; George T. Tiffin, Nicholas, Mo.; J. Troop, Fayetteville, Ind.



## EASTERN GROWERS AND DEALERS

### IN GENESEE VALLEY.

**Rochester Nurserymen Report a Good Season's Trade and Prospects of Usual Heavy Western New York Fruit Crop—Ten Thousand Persons Drawing Income from Rochester Nursery Interests.**

Nurserymen of Western New York report generally a good season's trade in spite of unfavorable conditions, during a long winter for selling stock. As in the West there was a rush of orders in March and warm weather early caused lively scenes at the packing grounds. The bulk of the shipments were made much earlier than usual.

Prospects for a good fall trade are regarded as excellent. The fruit crop in Western New York was not injured by cold weather; indeed the continuation of low temperatures in April served to retard the budding of trees and thus to protect the fruit.

An immense amount of nursery stock is shipped out of Rochester, N. Y., annually. It is estimated that four or five Rochester nursery firms ship annually upwards of 5,000,000 trees and shrubs and vines; also that Rochester nurserymen draw supplies from 10,000 acres and that 10,000 persons receive an income from Rochester nursery interests.

### AT DANSVILLE, N. Y.

Dansville, N. Y., April 17.—James M. Kennedy: "The past winter was one of the finest we ever had. Nursery stock never wintered better. Spring opened up very early which gave us plenty of time to send our wholesale orders on time. The retailers are busy billing out. Prices have ruled high and the nurserymen had a prosperous year.

"The plantings this year will be the same as they have been for the past three years. It is generally understood that collections have been above the average. The nurserymen of Dansville will have the usual amount of stock to offer this season.

"Never in the history of the trade was there so little surplus as Dansville had to offer this spring. A greater portion of the stock that was carried over for spring trade was in storage, which has enabled the shippers to get their stock to their customers on time and in good condition.

"The orchards about here never looked more promising than this spring for a good crop. We think on the whole a cheerful outlook presents itself for at least a few years, which the nurserymen will appreciate. Some of the nurserymen are planting."

### DELAWARE PENINSULA TRADE.

Milford, Del., April 12.—D. S. Collins, Manager Delaware Nurseries: "As I view them at this writing, conditions seem to be favorable for a good peach, apple, pear and plum crop for this year for this peninsula; true, we are not yet past the danger line for injurious frosts.

"We are now about through with our spring delivery of nursery stock, and sales have been entirely satisfactory to us. Sold entirely out on trees of pear, apple, plum

and cherry; but still have a few peach trees unsold.

"Sales for nursery stock for fall of 1905 will largely depend upon results of fruit crop of this season; such has been our experience in former years.

"While at present our prospect seems good for a fair crop of general nursery stock for fall of 1905, our dormant buds in the nursery, of peach and cherry did not come through the winter so well as they have in some former years, but our other stock stands well."

### CONNECTICUT NURSERY SALES.

Manchester, Conn., April 13.—C. R. Burr, Oakland Nurseries: "Our sales for the past season have been very satisfactory. Stock at the nursery has come through the winter in good shape. Sales, so far, in our agency department have opened up well, and we think the outlook for the season's business is good."

### MASSACHUSETTS TRADE GOOD.

North Abington, Mass., April 17.—W. H. Wyman, Bay State Nurseries: "All kinds of nursery stock are moving very satisfactorily with us this year."

### MARYLAND FRUIT INJURED.

Baltimore, April 20.—Franklin Davis Nursery Co.: "We have been very busy with our spring shipments and are still behind with these.

"The recent cold weather with frost in this section has injured fruit buds in Maryland, and the crop will not be large. In some sections all of the fruit is killed.

"In the way of spring shipments we have had all that we could do for the past six or eight weeks; the very warm weather will cut our season short; but orders are still coming in, and if they continue to do so much longer we will have to hire strippers and pull the leaves off the trees. We shipped out to-day three carloads.

"Sales in the South for fall are running along very nicely, and from the present indications we expect a good business."

### CONVENTION SUCCESS ASSURED.

Bridgeport, Ind., April 11.—Albertson & Hobbs: "In regard to the Nurserymen's Convention, from every source we are getting most encouraging reports of prospective large attendance, and certainly we never had a better programme promised us than the advance sheets show. Everyone seems to be taking an active interest to make this the greatest association convention that has ever been held, and it certainly will prove one of the most interesting. One of the best features is that we have a full three days' programme with time for it to be carried out, and nothing to detract from the business of the Association. Think the programme pretty well covers the field for discussion, though doubtless some other matters will be brought out at the time of the convention."

GEORGE H. WHITING, Yankton, S. D.: "I enjoy reading AMERICAN FRUITS very much. You are getting to the front in fine shape."

### EXPECT TO BE THERE.

**Nurserymen Write to AMERICAN FRUITS Anticipating Much Profit and Pleasure at West Baden Convention—Are Interested in Features of the Programme.**

Manchester, Conn., April 13.—C. R. Burr, Oakland Nurseries: "I am anticipating the trip to the West Baden convention. The discussions that will come up will be of interest to every live nurseryman, and we hope they will not be backward about opening the discussion on the grading of nursery stock."

### W. C. REED ENTHUSIASTIC.

Vincennes, Ind., April 15.—W. C. Reed: "In regard to the convention, which is to be held at West Baden the coming June, there seems to be more interest than usual. I have worked very hard to make this a success and have corresponded with a great many nurserymen who have expressed their intention of attending the convention, so that we expect a large attendance, in fact larger than any convention we have ever had.

"Some of the papers to be presented at this convention are of very great importance to nurserymen and fruit growers or any one interested in agriculture, especially the one from Dr. Moore on inoculation of leguminous crops. I think it will pay nurserymen to attend, for this one paper alone. I have arranged with the railroad company to give the western nurserymen the stopover privilege at Vincennes for any who care to visit the nurseries here."

### WANTS TO HEAR OF CROWN GALL.

Phoneton, O., April 12.—N. H. Albaugh: "We want to hear about crown gall and some other important subjects at West Baden."

### SIMPSON'S INVITE NURSERYMEN.

Vincennes, Ind., April 12.—H. M. Simpson & Sons: "We are looking for a large crowd at the convention which meets in West Baden in June and hope that all who can will take the opportunity of visiting our nurseries while so near. We believe that after the nurserymen have seen the meeting place they will vote to make it permanent."

### BIG WESTERN DELEGATION.

Nursery, Mo., April 19.—F. A. Weber, secretary and treasurer H. J. Weber & Sons Nursery Co.: "We have reasons to believe that the coming convention of the American Association of Nurserymen will be the largest in attendance from the West in the history of our organization. The discussions and excellent papers arranged for by our programme committee should undoubtedly bring many nurserymen to the convention who have heretofore not deemed it sufficient to lay off and take a recreation of a week or ten days from their business."

Officers of the Massachusetts Fruit Growers' Association include: President, Jonathan Eames, Sherborn; secretary, Fred A. Smith, Ipswich.

## ALONG THE PACIFIC COAST

### FRUIT DOCTOR AT WORK.

G. Harold Powell, Government Expert, Diagnoses Troubles of Citrus Growers in California—Apple Growing in Illinois and Peach Growing in Connecticut Revised by his Work.

Orange growers of Los Angeles and surrounding counties in California are watching with interest the experiments by G. Harold Powell, government expert, who is making an exhaustive inquiry into the keeping and shipping quality of citrus fruits. His report to the government is expected to be of great value to the industry.

Mr. Powell went into Illinois at a time when the farmers of that state were converting their apple orchards into fire wood because of a decay that had attacked the fruit and rendered the industry unprofitable. Mr. Powell got at the core of the difficulty and there is a revival of apple growing in Illinois. Similar results followed his investigations into the handling of peaches in Connecticut. Through improvements in culture and handling, the size of the crop was increased and the quality improved.

It has been shown by Mr. Powell that 18 to 38 per cent. of the damage to citrus fruits is caused by careless picking. A conservative estimate places the loss due to decay on arrival at eastern points at about \$500,000 a year, or five per cent of the season's entire crop, which is placed at over \$10,000,000. The particular fault was found to lie with the pickers, who in their haste slightly bruised the skin of the fruit with their clippers. However slight the bruise, the investigator said it opened the way for decay in shipment.

Here is a lesson for the apple grower; for if so great care pays in the case of the orange grower, producers of other fruits may well consider the matter.

C. P. Hartley proprietor of the Boise Valley Nurseries, Caldwell, Idaho, sent an invoice of fruit trees to Korea this spring for an American company operating and experimenting with trees and plants on a large tract of land in that country.

C. L. Whitney, Walla Walla, Wash., this spring shipped trees to China and Manchuria. The order called for forty-three trees, including apple, cherry, plum and peach trees, to Rev. John Ross, Mukden; 245 fruit trees and twenty-six shade trees for Rev. William Hunter, Kwanknig and an assorted lot of trees for Rev. E. G. Tewkesbury, of Pekin, China.

While fruit will continue to be the principal crop of the soil of California, Eastern farmers are attracting attention by their corn fields and diversified crops in that state.

The value of the strawberry crop in the Hood River, Ore., district is indicated by the fact that 100,000 crates valued at \$140,000 were shipped last season and that yields have amounted to \$500 per acre in some cases.

The Utah State Horticultural Society has been formed with Thomas Judd of St. George, president, and A. H. Snow, of Salt Lake City, secretary.

### COAST NURSERYMEN.

Portland, Ore., April 15.—J. B. Pilkington, president Pacific Coast Association of Nurserymen: "The nurserymen of the Pacific Northwest are shaking hands a la Chinese over results of the past season. Our spring opened early; but then, aside from a few days' holdup, we fill orders all winter. While the warm weather has shortened the season, it finds the stock cleaned up—packing grounds clear except for a few undesirables. What more can a nurseryman ask?"

### COAST CONVENTION IN JULY.

"We shall again be represented at the American Association of Nurserymen convention by Mr. M. McDonald, and possibly others. We all look forward to our own association convention on July 5th.

"The Lewis and Clark Exposition will be in full sway and will bring a full attendance of our own people, and we hope an overflow from the national convention.

### LUTHER BURBANK TO EXHIBIT.

"As Mr. Luther Burbank comes to the convention with an exhibit which alone will repay the easterners' trip, and with many prominent visitors who will be here, we promise a fine entertainment. All nurserymen are cordially invited to be with us."

### FOR WESTERN NURSERYMEN,

Editor AMERICAN FRUITS:

For the occasion of the trip to West Baden, Ind., we have arranged with the B. & O. S. W. R. R. Co., for stop-over privileges at Vincennes, for every western nurseryman, who desires to stop at Vincennes and visit the nurseries and the city. Parties arriving at St. Louis can take sleeping car at Union station any time after 9.30 P. M., which will leave at 2.05 A. M., June 13th and arrive at Vincennes 6 A. M. where sleeper will be side-tracked.

The parties will be taken in charge by the Vincennes nurserymen, who will show them over the two nurseries and then take them through our beautiful city to visit some of our factories.

Vincennes is the oldest city in the Northwest Territory, having been settled in 1702. There are a great many historical buildings and points of interest to be visited. The party will be taken to one of the leading hotels of the city for dinner. We will then leave for West Baden at 12.55, arriving at West Baden at 5.55 P. M.

We will join the New York party at Mitchell before reaching West Baden, so that we will all arrive on the same train.

Anyone desiring to take part in this trip will please notify the writer as soon as possible, so that the proper reservation of sleeper can be made, as we will have to have a certain number in order to have a sleeper. I think this will be a very pleasant and profitable way for anyone who desires to make us a visit and will only delay him half a day from the time he would have arrived at West Baden had he not stopped over.

Hope that many will make plans to join the party and have a good time.

W. C. REED.

Vincennes, Ind.

### A WESTERN PARADISE.

Rogue River Valley is But One of the Prosperous Horticultural Sections of Washington and Oregon—Rogue River Apples Reach Many Points in America and Abroad.

"Many eastern men will visit the Lewis & Clark fair at Portland this year, and as a side issue will want to see the best there is to see in an agricultural and horticultural way in Oregon. To these I heartily recommend a stop of a few days at Medford, the heart and center of Rogue River Valley, from which point trips of remarkable interest can be made to the prosperous farms and orchards of this western paradise," writes Dennis H. Stovell in the Farmers' Tribune in March, with his window open and the sunlight streaming in, bringing with it a fragrance of blooming peach and almond trees, of violets, tulips and the industrial drone of bees.

"In the valley of the Rogue there is a greater acreage of commercial orchards than any other section of like area in the entire Northwest. Shipments of Spitzenberg and Yellow Newton apples are made from Medford from the surrounding orchards to all parts of the United States and the world. Apples bearing the 'Rogue River' brand are found in the markets of China, Japan, Australia and Alaska. Apple growers, who follow the business in a business way, net from \$1,000 to \$10,000 annually from their trees. But large as are the shipments, only a small portion of the available ground is planted to orchard. The apple market is unlimited and the prices are always good."

### WESTERN FRUIT JOBBERS.

Editor AMERICAN FRUITS:

The Western Fruit Jobbers' Association differs to some extent in its aims and business from the International League of Commission Merchants which association we hold in high esteem, many of our jobbers being connected with both associations, and in many matters we are working in harmony. We are not an association of growers, shippers, commission merchants or brokers, although some of our members may be brokers or commission merchants as well as jobbers. We are trying to confine our membership as much as possible to those who are strictly jobbers, and so far have not attempted to go east of Illinois. We have now 125 members from a dozen states. We expect to have 250 members by the end of the calendar year. The association is but a little over a year old. The work of the association, especially that of its president, E. M. Ferguson, against the "private car evil" has brought us a national reputation. Of course we are engaged in other work of our organization, looking after the classifications and the freight rates, proper refrigeration of cars especially for local shipments, and in many other ways advancing the interests of the growers and shippers.

E. B. BRANCH, Sec'y.

Omaha, Neb.

J. B. Pilkington, Portland, Ore., specialist on nut trees, this spring received 6,000 genuine 2nd generation walnut seedlings from Europe.



## ORNAMENTAL HORTICULTURE

### LANDSCAPE GARDENING.

**Increased Demand for Ornamental Nursery Stock—Lawn and Park Planting in the West is in its Infancy—Western Growers Interested in Herbaceous Plants.**

Des Moines, Ia., April 15.—M. J. Wragg: "The fruit and orchard conditions were never in a more promising condition than at the present time. The past winter, while it has been severe, has left but little injury, with the exception that our peaches are badly hurt and some of the tender varieties of Japan plums.

"There has been a very brisk demand for nursery stock of all kinds for spring planting. In fact, I believe that there is an increased demand for nursery stock for making small plantations. In the lines of ornamentals the demand has greatly increased. Our people have commenced to take much interest in lawn and park planting, which is just in its infancy in the West. I have had many times more calls for my services in landscaping and laying out of grounds the past season than ever before. The people are just commencing to realize that their home surroundings can be greatly improved and embellished, and as an investment one that adds many per cent to the value of their property.

"Everything in the nursery has commenced growth early, which gives promise of good stock for fall trade. The growing of ornamental and herbaceous plant has interested our western growers more than usual.

"Our own spring sales have been much larger than we had expected. We will clean up everything and I think the same is true of other nurserymen and growers throughout the state."

### HEAVY ORNAMENTAL DEMAND.

Painesville, Ohio, April 19.—Storrs & Harrison Co.: "We have not got over our rush yet, are still about a week behind in most departments. We are going to sell out the closest this year that we have in a long time in nearly all lines. The increased demand seems to be especially heavy along the line of hardy perennials, plants and shrubs, while the demand for ornamental planting, in the central and western states has been increasing largely for the last few years."

Chase Brothers Company, Rochester, N. Y., will establish a large nursery plant in Brighton, N. Y., erecting two buildings to provide 40,000 square feet for storage and packing purposes. They will move from their University Avenue grounds next fall.

P. A. Keene, of Flushing, N. Y., sold his stock, and with it the controlling interest in the Bloodgood Nurseries, April 5th, to Ferdinand Hoffman von Waffenstein, a landscape architect, with offices in the St. James Building, New York City. The name of this nursery, which was established in 1790 by James Bloodgood, will become the Bloodgood Nurseries, Inc. Mr. Keene will again engage in the nursery business.

J. S. Wright & Son, Fruit and Produce Dealers, Philadelphia—"We think AMERICAN FRUITS is a very fine magazine."

### PRICES FOR GOOD TREES.

Waukegan, Ia., April 18.—N. C. Wragg, president J. Wragg & Sons Co.: "Our spring delivery which has every indication of proving a very prosperous one. The nurseries in this section of the West have gone through the winter without suffering any particular damage. With but few exceptions, trees were well ripened last fall and with plenty of moisture in the ground, and with a heavy covering of snow during the winter, they have come out in first-class condition with an occasional block of European plums that has been found damaged. Otherwise, we have heard of no report of loss from any trees or small fruits.

"The condition of sales from the retail standpoint has not been so brisk during the winter months, we have had in this section of the West, a very severe winter for about forty days which made it impossible for the traveling salesmen to do anything. This followed by extremely muddy roads in the spring, cut off the sales somewhat. Spring opened up with us very early and indications were that we should be busy from the first of April but it soon grew cold again and we have been having a very pleasant April, just cold enough to keep everything in a dormant condition and yet not cold enough to do anything any particular damage in shipping, and from the present indications on the 18th inst., we believe that it will extend the planting season until quite late as a result and help out some on the poor sales during the extreme cold weather.

"A class of tree dealers who have no particular reputation to lose and who buy up a poor class of trees from the larger nurseries, are flooding the country with extremely low prices, which is creating in the minds of the planting public a spirit of distrust; as the public, as a general rule, cannot tell the honest nurseryman who is producing trees and doing a legitimate business from this class of jobbers, and he wonders why one will advertise good apple trees at fifteen to eighteen cents, and cherries from thirty to forty cents, while another very elaborate advertisement, says apples from six to twelve cents and cherries from ten to twenty cents. This class of tree jobbers, like the irresponsible tree salesman in any place, is a detriment to clean, legitimate business.

"But taking it as a whole, indications are that the nurserymen are going to clean up pretty well through this section. We have at the present time but a small surplus in cherries, peaches, and apples and if the call from the smaller nurserymen continues, until the end of the season, we believe that we will be entirely sold out by the close, and the stock in general taken up. The orchards have, like the nurseries, gone through the winter and so far from examination and reports from this section, they have come out in good condition. The question now in the minds, is, did the late freezing of the last two or three days damage the fruit? In our opinion some of the early plum blossoms have been killed, but as a whole, we do not believe that anything was advanced enough to do it any particular damage."

### FIFTY PER CENT GREATER.

**Demand for Ornamental Stock in the South—Lively Trade in Ornamentals Reported by P. J. Berckmans Company—Have Established a Landscape Department in Their Business.**

Augusta, Ga., April 15.—S. J. Berckmans Company: "The demand for ornamental stock is growing annually and this year it was 50 per cent. larger than any preceding year. This is a most healthful sign.

"It is yet rather early to make a report regarding fall sales; but from inquiries received, we think that our business will be heavier than ever before, especially in ornamentals. We have established a landscape department, as the demand for this class of work has warranted us in adding this feature to our business."

### IMPORTED ORNAMENTALS.

New York, April 18.—Suzuki & Iida, importers of Japanese bulbs, plants and seeds: "We handle the Japanese line of goods exclusively, and while the demand for Japanese nursery stocks is still in its infancy, we know there is a steady increase in orders for them every year, particularly for Sciadopitys, Juniperus and all hardy Japanese evergreen stocks."

**CONTROLLING PEAR BLIGHT**—Professor M. B. Waite, pathologist in charge of diseases of orchard fruits for the United States Agricultural Department, has been working in California as a representative of the Federal government, with State Horticultural Commissioner Elwood Cooper, in stamping out or controlling the pear blight in the apple and pear orchards of California. "I must first make a study of conditions here and find out how far they are similar to those east of the Mississippi," said he. "The methods which we have used successfully in the East," continued Professor Waite, "is that of cutting out the holdover pear blight in the fall. Pear blight, like smallpox, is contagious, and that should be thoroughly understood. We examine minutely each tree in an orchard and cut off all infected limbs or twigs. We disinfect the pruning knives used in the process, and after the operation we disinfect the wound. It resembles in this regard a surgical wound. But even this method, calling for a most painstaking examination of the trees each fall and again at blossoming time, cannot be said to be successful in eradicating the disease entirely. So far we have succeeded in placing the disease under control only in small territories."

California orange growers are alarmed by the latest turn of the Morales orange worm. Horticultural agents of the state are at their posts like sentrymen. Not an orange tree twig nor a golden sphere is permitted to enter California from Mexico, either by land or water. Fruit and nursery stock from that country is destroyed promptly if it gets across the international boundary.

### "AMERICAN FRUITS" HAS SET THE PACE.

Preserve your copies of AMERICAN FRUITS. You will find them valuable for reference.



# DOMINION OF CANADA

## NOVA SCOTIA APPLES

**Now Going to New Brunswick—Shipments From St. John Comparatively Small This Season—First Proof Warehouse Not in so Great Demand as was Expected.**

St. John, N. B., April 17.—The frost proof warehouse on the corporation wharf has not been in so great demand as was anticipated before it was built. A year or so ago when the plans for this building were being considered, it was declared by several of those interested, that the existence of such a place in St. John would greatly stimulate the apple shipping business from this port. Up till the first of April this year there have been a total of 10,066 barrels of apples sent from St. John, while during the corresponding period of last year the shipments aggregated 71,468 barrels, or practically seven times as many.

This falling off, however, is not due to the presence of the frost proof warehouse. Other Atlantic ports show a falling off as well. From Halifax, to April 1st, 1904, there were sent forward 523,245 barrels, and in the same period of this season only 359,021 barrels have gone. New York sent in 1904 no less than 1,122,026 barrels, and in 1905 this dropped to 613,046 barrels. Portland fell off from 366,550 last season to 208,752 barrels this season, and Boston from 686,404 to 613,046 barrels.

Shippers are wondering where all the apples are. The crop in Nova Scotia, according to the report of the department of agriculture, was "much below the standard in both quality and quantity," but it was not thought to be so much below as the shipments would indicate. Considerable quantities of Nova Scotian apples which could hardly be had during the earlier part of the season, are now coming here, and dealers are inclined to the opinion that the Nova Scotian packers have been holding back.

## GEO. H. WHITING NURSERIES

A general stock of Hardy Northwestern Varieties that will succeed anywhere. It will pay you to get my Free Descriptive Catalogue. It is accurate, concise and original, and based upon 25 years' experience in South Dakota. The best of its kind in the Northwest to-day.

GEO. H. WHITING, Prop., Lock Box 1108, Yankton, S. Dakota

### CHERRY TREES

1 and 2 year leading varieties.

### PEACH TREES

General list of varieties, long on Elberta and Largely Medium. 3 to 4 feet and 2 to 3 feet grades.

### APPLE TREES

We have 25,000 Ben Davis and a general list of other varieties.

General line of other stock. Send us a list of your wants. Personal inspection invited. Can ship any time on short notice.

**Vincennes Nurseries,**

W. C. Reed, Prop. VINCENNES, IND.

## BRITISH COLUMBIA PROSPECT.

Montreal, Canada, April 15.—Henry Holgate, hydraulic engineer, who has just returned from a professional trip to British Columbia, states that he was simply amazed at the fruit growing capacities of the Kootenay district of the Pacific province. That section, after a few years' experience, is now in a position fully to supply the home market, and he says it will be exporting fruit very shortly, in large quantities. All of the hardier fruits are now being produced in abundance, and there is talk of supplying the Winnipeg market and other large centers of population.

## CANADIAN NOTES.

Two hundred odd acres of the former O'Keefe estate are being fenced and put into fruit, under the management of the Vernon-Okanagan Land Company; 15,000 trees were planted on this property this spring.

A. McNeill, Ottawa, Canada, says that under the Fruit Marks Act the quality of apples exported from Canada has perceptibly improved so that Canadian apples are now worth in the London market an average of two shillings a barrel more than those from the United States.

Arthur Corbman of Canada, has purchased the fine Polk farm in Milford Neck, Del., of William I. Simpson, for \$8,000. C. F. Guild of Harrison County, Ohio, has purchased of Charles H. Gleason a farm near Milford, Del., and containing orchards and vineyards of all kinds of small fruits, for \$2,750. C. N. Martin of Fairmount, W. Va., purchased the well-known truck farm belonging to William H. Buell, near Stantonville, Del., for \$3,160.

When the last decennial census was taken, which was four years ago, British Columbia had over 13,500 acres of land set out in apple orchards, says Collier's Weekly. The earnings of that fruit culture exceeded \$2,000,000. The average net profit of an acre of apples is now estimated at about \$300. This makes a crop such as that of 1901 equal to more than \$4,000,000. Sanguine horticulturists predict the apple harvest in this province alone will equal \$10,000,000 annually in less than five years.

## APPRECIATED MORE AND MORE.

C. R. BURR, Manchester, Conn.—"You are certainly doing good work in our line and we appreciate AMERICAN FRUITS more and more each year."

C. S. Harrison, York, Neb., says that the three hardiest peaches are the Bruning, the Wright and the Bailey.

A. C. Haynes, the largest peach grower, near Deland, Fla., reports a fine prospect for a large crop this year. He expects to market 8,000 crates, and will be ready to begin shipping early in May.

## CANADIAN FRUIT CONVENTION.

There will probably be another Dominion Convention of Fruit Growers in Ottawa next winter during the early part of the session of Parliament.

The Hon. Sydney Fisher, Minister of Agriculture, received a deputation of the fruit growers of Eastern Canada recently, and promised his active support of the movement.

R. S. Eaton, the president of the Nova Scotia Fruit Growers' Association, was spokesman of the deputation and in addressing the Minister referred briefly to the following subjects, which should receive consideration of the conventions: Statistics and fruit crop reports, transportation, uniform packages, markets and marketing, adulteration of fruit products, the regulation of nurseries and tree agents, amendments to the Fruit Marks Act, the increasing usefulness of Dominion Experimental Farms and Provincial Experimental stations and orchards.

Among those present were Mr. A. McNeil, president, and Messrs. W. L. Smith and D. R. Whyte, directors of the Ontario Fruit Growers' Association; Mr. J. M. Fisk, president, and Mr. R. W. Sheppard, vice-president of the Quebec Association; Mr. McLean, M. P., representing the Prince Edward Island Association; Senators Power and Henderson and several members of Parliament.

## "I Sell While Others Yell." What?

### Grape Vines and Grape Cuttings

AT IT 15 YEARS. WRITE FOR PRICES.

F. E. SCHIFFERLI, Fredonia, N.Y.

<b>J. WRAGG &amp; SONS CO.</b>	
Established 1878	Incorporated 1900
Growers	General Nursery Stock
Dealers	Retail
<p><b>OUR MOTTO:</b> "Aye, keep plantin' a tree, Jack. It will be growin' when ye're a sleepin'!"</p>	
<p>(CENTRAL NURSERIES) WAUKEE, IOWA. ASK FOR CATALOGUE</p>	

## Apple, Pear & Forest Tree Seedlings

When in need consult your interests by consulting our prices. We grow many other items for the trade.

J. A. GAGE, Beatrice, Neb.

## OLINGER'S DIBLER AND TRANSPLANTER

The only dibler ever made for resetting, transplanting, fertilizing with dry or liquid. Also used for lawn weeder, taking out small roots or worming tobacco or otherwise; also at kitchen or hearth for hot coals or other purposes. Price 50c. by express or mail.

J. OLINGER & CO., 200 W. 44th St., N.Y. Dealer, send for circular.



## NURSEYMEN'S 'NIVES

Knife, 25c.; Forged Steel Pruning Shears, \$1.00, sold for 75c. Send for 12 page nursery circular.

L. S. Pease of Lockport, writes us April 7th: "The Propagating Knives you sent me are very fine goods and far better than I can get anywhere else. My men are well pleased with them too. You will get all my trade."



We have been selling direct to nurserymen since '77. Our blades are hand forged and warranted; if we can learn how to make them better they will be made that way. We mail goods all over the world. Twenty of our best customers are in Europe. The cut shows our Nursery Budder, sample by mail, 25c.; 12 by mail, \$2.25. Pocket Budder, 35c. Nursery Pruner, sample, 50c.; 6 for \$2.50. Grafting Knife, 25c. Nursery and Florists' Propagating Knife, white handle, 50c. A much inferior knife is

MAHER & GROSH CO.

92 A STREET

TOLEDO, OHIO.

## Pioneer Nurseries Co.

SALT LAKE CITY, UTAH

Offer for Fall 1905

**Peach, Pear, Apple and Plum in car-load lots.**

We equalize freight rates with Eastern points.

## BOX-STRAPS.

Light Gauge — Soft, Strong, Cheap, Convenient.

A wire nail can be driven through

it without previous punching.

ANY LENGTHS UP TO 63 INCHES

Write for Price List.

**WARD-DICKEY STEEL CO.**

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Manufacturers of Planished Sheet Steel.

## New Market Nurseries

TAYLOR PERRY, JR., Prop.

ALL KINDS OF

**Tree and Shrub Seedlings, Vines, Etc.**

AT LOWEST WHOLESALE PRICES. PRICE LIST FREE.

NEW MARKET NURSERIES, New Market, Ala.

## THE WINTER Banana Apple

The best yet. Trees by mail or express. Strawberry Plants—40 of the best old and new kinds by mail or express. Catalogue free.

STANTON B. COLE, Proprietor,  
West Jersey Nursery, BRIDGETON, N. J.



We manufacture the right kind of  
**FRUIT PACKAGES**  
To suit Grower as well  
as Consumer

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BOX NO. 25. WEBSTER, MONROE CO., N. Y.

## JAMES A. BAUER Strawberry Specialist

New strawberry, The ALMO, the most productive berry introduced. Large, dark red berries with a strong, robust plant. Send for free catalogue of all varieties. No order too large.

JAS. A. BAUER, Judsonia, Ark.



## Veneered Tree Protectors

10 x 20 inches.

75c. per 100, \$5 per 1000.

Send for descriptive circular and testimonials. Carry them in stock for your customers. Large surplus of Nursery Stock. Write for Surplus List.

HART PIONEER NURSERIES,

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"Absolutely safe and reliable.  
Ask your friends."

**Progressive Florists and Nurserymen everywhere endorse Caldwell Cypress Tanks and Caldwell Steel Towers.**

They know they can depend on having an ample supply of water at a uniform pressure. Careful construction by skilled mechanics and the best materials preclude all possibility of leaks or collapse.

You will be interested in our  
Catalogue and Price List.

**W. E. CALDWELL CO.,**  
LOUISVILLE, KY.



## AT WEST BADEN, IND.

### Complete Programme for Thirtieth Annual Convention American Association of Nurserymen.

Following is the complete programme for the thirtieth annual convention of the American Association of Nurserymen at West Baden Springs, Ind., June 14th, 15th and 16th, as arranged under the direction of the programme committee, composed of Harlan P. Kelsey, Boston, chairman; H. B. Chase, Huntsville, Ala.; John S. Kerr, Sherman, Tex.:

JUNE 14th, 10 O'CLOCK.

Calling to order, Pres. E. W. Kirkpatrick, Texas. Welcome to Indiana, Andrew J. Rhodes, Indiana. Response for the Association by the President. President's address, 15 minutes.

Reports of secretary and treasurer, 15 minutes.

Reports of committees—

Tariff—Irrving Rouse, New York, 5 minutes.

Legislation—Chas. L. Watrous, Iowa, 5 min.

To edit report—J. Horace McFarland, Penn.

To meet western freight classification committee—Peter Youngers, Nebraska, 5 minutes.

To meet eastern freight classification committee—Wm. H. Moon, Pennsylvania, 5 min.

To meet southern freight classification committee—Herbert S. Chase, Alabama, 5 minutes.

Transportation—E. Albertson, Indiana, 20 min.

Discussion by G. L. Taber, Florida and members.

"The Cost of a Tree," Harry L. Bird, Michigan.

Discussion by Aubrey Frink, Florida; J. Horace McFarland, Pennsylvania; Herbert S. Chase, Alabama and members.

Nomination of state vice-presidents.

### WEDNESDAY AFTERNOON, 2 O'CLOCK.

Election of state vice-presidents, 5 minutes.

"Grading Nursery Stock," L. A. Berckmans, Georgia, 15 minutes.

Discussion by members, 10 minutes.

"The Low Prices of Ornamental Stock," Chas. Maloy, New York, 15 minutes.

Discussion by members, 10 minutes.

"The Grape, the Commercially Neglected Fruit," T. V. Munson, Texas, 15 minutes.

Discussion by members, 10 minutes.

"Experimental Orchards for Nurserymen," L. C. Corbett, U. S. Dept. of Agr., 30 minutes.

Discussion by members, 15 minutes.

### WEDNESDAY EVENING, 7:45 O'CLOCK.

By aid of the stereopticon the extremely interesting papers of the evening sessions will be fully illustrated. It has been the endeavor of the committee to make this year's programme an eminently practical one, and we believe all the subjects presented are of unusual interest to every member. As the room must be darkened, members are respectfully requested to be present at 7:45 sharp.

"A Tree Garden to Last a Thousand Years," (stereopticon), J. Horace McFarland, Pennsylvania, 40 minutes.

Discussion by J. Woodward Manning, Massachusetts and members, 10 minutes.

"Soil Inoculation," (stereopticon), Dr. Geo. T. Moore, U. S. Dept. of Agr., 60 minutes.

Discussion by J. H. Hale, Connecticut and members.

QUESTION BOX.—A great many questions have been suggested to the committee for discussion, but it has seemed best to consider them through the Question Box. Questions will be received by the secretary, or the chairman of the programme committee until Thursday afternoon and will be answered on Friday.

### THURSDAY MORNING, 9:30 O'CLOCK.

"The New Horticulture," H. M. Stringfellow, Texas, 25 minutes.

"Best Methods of Improving our Standards in Trees, Fruits," G. L. Taber, Florida.

## APPLE, CHERRY, PEACH, PLUM and Keiffer Pear Trees

### Apple Seedling

CLEAN AND HEALTHY

WELL GRADED

NONE BETTER

Osage, Russian Mulberry and Soft Maple Seedling

Bechtel's Double Flowering Crab

All sizes, including small trees for planting in nursery.

### SHADE TREES

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WEIR'S C. L. MAPLE

Grape Vines, Flowering Shrubs

APPLE GRAFTS

All Styles Made to Order

## PETERS & SKINNER

Capital Nurseries

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## P. Sebire & Sons and F. James & Sons

Nurserymen, Ussy, Calvados, France.

Offer a general assortment of **Fruit Tree Stocks**, such as Apple, Pear, Myrobalan Plum, Mahaleb and Mazzard Cherry, Angers Quince, **Small Evergreens, Forest Trees, Ornamental Shrubs, Roses, Etc.** The largest stock in the country. Prices very low. Packing secured. Send for quotations before placing your orders. Catalogue free.

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## WANTED

At \$40 per month and expenses paid; a few good salesmen to sell nursery stock; steady employment the year around to successful salesmen; address with reference

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Consulting Agriculturist and Horticulturist.

Examinations made of soils, locations and surroundings of Country Homes. Information given on modern methods of soil improvement, selection, planting and care of fruit, ornamental and forest trees. Address,

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## Hardie Spray Pumps

are the fruit growers best protection against all insects and diseases which attack fruit trees. The Hardie Spray Pump is the simplest, strongest, most durable and highest pressure spray pump made and "it works so easy."

Send today for our free book on Spraying giving all the best formulas and

information about how the successful fruit growers make big money. Just a request on a postal will bring this valuable book.

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ESTABLISHED 1869  
**J. Van Lindley Nursery Co.**  
 Nurserymen  
 Florists and Seedsmen.  
 POMONA, N. C.

400 ACRES IN NURSERY  
 10 GREENHOUSES  
 140 ACRES IN ORCHARD

**SPECIALTIES:**

General Nursery Stock

Apple, Peach, Plum, Etc.

Apple Scions, Peach Buds

We are large dealers in natural **Peach Seed**, and can make quotations on same July to January.

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Have a surplus of 3 and 4 feet **PEACH TREES** in good varieties. Long on H. P. and Crimson Rambler Roses, also **Crimson Rambler Trees**. Will quote a very low price on **Roses** to close them out.

C. R. BURR, Prop., Manchester, Conn.

### Iowa Blackberry

### Dakota Red Raspberry

### Perfection Currant

Send for list of BEST NEW FRUITS.

A. S. DRESHER, Lisbon, Iowa

"The best that money, location and experience can produce."

## CANNEDY TREES

Are the best that can be grown. You can get no better, no matter what you pay. A complete line for spring delivery. Write for prices. Salesmen wanted. Nurseries at Carrollton and Jerseyville.

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## WRAGG TREES

We Pay Freight. Send for our handsome catalogue of Trees, Shrubs, Roses, Evergreens, etc. We deal direct. No agents. Our prices are lowest. Our Mr. M. J. Wragg is an expert landscape gardener and his services are available for our customers.

M. J. WRAGG NURSERY CO., 300 Good Block, Des Moines Ia.

## The Wolverine Nurseries

PAW PAW, MICH.

Will name you low prices on all kinds of Fruits and Ornamentals, Grape Vines, etc.

Get our Prices before buying. G. E. PRATER, Jr., Prop.

## PHENOMENAL AND LOGAN BERRIES

Mammoth Blackberries, Gray's Gardena Dewberries, Burbank's Crimson Winter Rhubarb. Also complete line of NURSERY STOCK.

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## LARGEST PEACH TREE

GROWERS IN THE SOUTH.

Write for our new illustrated and descriptive catalogue of general Nursery Stock.

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**SPRAY**  
 FORCE PUMP  
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 353 MAIN ST.  
 BUFFALO, N. Y.

Discussion by members and W. C. Reed, Ind.

"Quality vs. Quantity," Prof. John Craig, N. Y.

Discussion by members, 10 minutes.

"Plants in Department Stores," Howard A.

Chase, Pennsylvania, 20 minutes.

Discussion by members, 15 minutes.

### THURSDAY AFTERNOON, 2 O'CLOCK.

"Mistakes in Office Management," Thomas B. Meehan, Pennsylvania, 25 minutes.

Discussion by Chas. J. Brown, New York, 5 minutes, Wm. Pitkin, New York.

"The Fruit Exhibit at the Worlds Fair," Wm. P. Stark, Missouri, 20 minutes.

Discussion by J. S. Butterfield, Missouri, and members, 15 minutes.

The session will adjourn at 3.30 p. m. when the American Nurserymen's Protective Association, and the Nurserymen's Mutual Protective Association will hold their annual meetings as per notices of the respective secretaries of those organizations.

### THURSDAY EVENING, 7:45 O'CLOCK.

This is an executive session and members only will be admitted.

At Prof. Hedgcock's request the association has agreed that no report shall be made of his lecture in any paper, nor in the annual report excepting as he may direct. It is understood that members by their presence agree to this arrangement and will fully respect the wishes of Prof. Hedgcock, and will not give out in any manner any information received from the lecturer.

"Picking, Packing, Grading and Shipping Fruit," (stereopticon), J. H. Hale, Connecticut.

Discussion by members, 20 minutes.

"Crown Gall and Root Knot," (stereopticon), Geo. G. Hedgcock, U. S. Dept. of Agri.

Discussion by C. L. Watrous, Iowa, 5 minutes; J. H. Hale, Connecticut, and members.

### FRIDAY MORNING, 9 O'CLOCK.

Election of officers. Selection of place for next convention. Appointment of committee on resolutions. New business.

"Refrigeration of Nursery Stock and Storage in Cellars," Madison Cooper, New York.

Discussion by members, 20 minutes.

"Excluding Advertisements Quoting Prices," J. M. Irvine, Missouri, 20 minutes.

Discussion by Theodore Smith, New York.

### FRIDAY AFTERNOON, 2 O'CLOCK.

"The Evolution of Importing," James McHutchison, New York, 20 minutes.

Discussion by Hiram R. Jones, New Jersey; Andre L. Causse, New York; F. L. Atkins, New Jersey.

Answers to questions deposited in Question Box. Report of committees. On exhibits. On final resolutions. On programme. Announcement of committees. Adjournment.

### FRIDAY EVENING, 7 O'CLOCK.

Fruit Banquet—This is a special feature and it is hoped will be an enjoyable one. Many members have kindly agreed to contribute liberally. Fruits in season in their respective sections and a choice selection is now assured. Native wines are also expected. Prominent members and well known speakers will respond to toasts and the dinner will be presided over by one of our leading members, Mr. J. H. Hale, acting as toast master. Tickets will be issued at a reasonable price per plate and must be secured from any member of the programme committee, or the secretary of the association up to Thursday night, the 15th of June. There will be dancing after the banquet, the music being furnished by the Baden Springs Hotel Company.

### SATURDAY, JUNE 17TH.

A special excursion has been arranged to Mammoth Cave, Kentucky, and details will be announced in advance. Members wishing to take in this excursion must apply to the committee before Friday, at 2 p. m.

## 4,000,000 PEACH TREES

Tennessee Wholesale Nurseries.

**JUNE BUDS A SPECIALTY.** No agents traveled, but sell direct at wholesale prices. Absolutely free from disease and true to name. Write for catalogue and prices before placing your order elsewhere. We guarantee our stock to be true to name. Largest Peach Nursery in the world. Address, J. C. HALE, Winchester, Tenn.

## U. S. Standard Caustic Potash Whale-Oil Soap

A Positive Destroyer of San Jose Scale. The OWEN SPRAYING SPAR for Power Sprayers. Other Orchard Necessities. Write for Catalogue and prices.

W. H. OWEN, Port Clinton, Ohio.

— WE OFFER IN CAR LOTS —

## Apple, Peach, Pear, etc.

ASK FOR TRADE LIST IF YOU HAVE NOT RECEIVED IT

## Southern Nursery Co.,

WINCHESTER, TENN.

## One Year Cherry Trees

Let us send you our circular telling all about the best Cherry Trees on earth. You must see a sample to be convinced. Everyone who received any from us in 1904 pronounced our one year trees the best by far they had ever seen. We also have peach and a general line of nursery stock. Get our prices before you buy elsewhere. H. M. SIMPSON & SONS, Vincennes, Ind.

## GRAVES PEACH

An Early Yellow Freestone.

Ripenidg a week before Crawford's Early. Trees from the originator have seal attached. Prices free.

ORIGINATOR,

W. J. GRAVES, R. F. D. No. 3, PERRY, OHIO.

## ARBOR VITAE

Infallible remedy for Borers, Scale and all animal life. Inimicable to trees. Makes trees healthy and stimulates growth. Sold on guarantee. Write for particulars. Agents Wanted.

DIX CHEMICAL CO.,

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## WEST MICHIGAN TREES

are "bred for bearing." That's why we cut all buds from the best fruited, bearing trees. It also insures stock true to name and variety. Over three million trees—913 acres. All new and standard varieties of Apple, Peach, Pear, Plum, Quince, etc. Also Ornamental Trees and Shrubs. We sell direct at wholesale prices. Illustrated catalogue free.

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## FRUIT

## PLATES

For Nurserymen

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## LABELS

For Fruit Shippers

ROCHESTER

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ROCHESTER, N. Y.

### WILL OWN REFRIGERATORS.

**Michigan Central Railroad Company Refuses to Renew Its Contract With the Armour Company—Places Order for Five Hundred Refrigerator Cars—Pere Marquette Plans.**

The Michigan Central railroad has refused to renew its contract with the Armour company to use its refrigerator cars exclusively for Michigan fruit traffic. Fear of having to defend suits in the federal courts instituted by the interstate commerce commission is said by the Chicago Inter-Ocean to have induced the officials of this railway and the Pere Marquette to change their relations with the Armour company.

An order has been placed by the Michigan Central railroad for 500 refrigerator cars of the most approved type, and an order for 850 cars has been given by the Merchants' dispatch line, owned by the Vanderbilt lines. When these orders are filled the Vanderbilt lines will have over 5,000 refrigerator cars. The Pere Marquette probably will use Armour refrigerator cars next summer, as it will be impossible for it to have enough cars built to handle its share of the fruit business the coming season. The plans of the Pere Marquette for handling next season's fruit crop are not known, however, and it may not use the Armour cars.

Michigan shippers of fruit have been assured that they will be allowed to do the icing of the refrigerator cars owned by the railroads. Testimony before the interstate commerce commission showed that in a majority of cases the Armour company charged for icing cars used in fruit traffic three or four times as much as the cost of the ice and labor involved.

A party of British horticulturists will next month visit France, says the Market Growers' Gazette, of London. On May 16th they will leave London for Orleans, where on the following morning the leading nurserymen of that centre will lunch with them. The chief nurseries will be visited as well as the Jardin des Plantes. On May 20th the International Exhibition at Paris will be seen at a semi-private view, and on May 22nd the President and Council will receive the party at the exhibition. Invitations have been accepted to visit the seed establishments and trial grounds of Messrs. Vilmorin, Andrieux and Co., the nurseries of Messrs. Croux and Sons, at Chatenay, also those of Messrs. Dival and Son, Versailles, and the principal lilac-growing and forcing establishments at Vitry.

The Hook-Hardie Co., of Hudson, Mich., are issuing a valuable little booklet on spraying which should be in the possession of every farmer and fruit grower, who takes pride in producing high grade fruit and desires to increase the yield of his orchard. It will be sent free. This booklet contains much valuable information regarding the San Jose scale, codling moth and other pests which prove so disastrous to orchards, and shows the best methods to adopt in exterminating and preventing the growth of these ravaging insects. It contains many valuable formulas for spraying mixtures and quotes the best authority on when and how spraying should be conducted to attain the best results.

Mrs. George H. Whitney, Yankton, S. D., died on April 1st, of pneumonia, aged 48 years.

Platt C. Reynolds, a well-known writer for the horticultural press, died in Rochester, N. Y., April 13th, aged 78 years.

F. H. Speakman, secretary of the Neosho Fruit Growers' Association and one of the best known fruit and berry men in southwest Missouri, died at Neosho.

IN ADDITION TO OUR USUAL HEAVY STOCK OF APPLE, PEACH, PLUM, PEAR, APRICOT, SHADE AND NUT TREES, WE OFFER FOR DELIVERY FALL 1905:

## 1 and 2 Year Cherry and 1 Year Budded Apple

IN LARGE AMOUNTS AND GOOD ASSORTMENT.

**CEDAR HILL NURSERY AND ORCHARD COMPANY, Winchester, Tenn.**  
J. W. SHADOW, PROPRIETOR

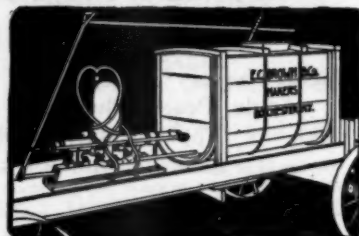
## ORCHARD AND PARK SPRAYING RIG

The only hand power sprayer for large operations

LARGEST LINE IN AMERICA OF HIGH GRADE SPRAYERS

SEND FOR CATALOGUE

E. C. BROWN & CO., 291 State St., ROCHESTER, N. Y.



## PRIVET WILL BURN

*But* I don't want to be the one to burn mine. I still have a surplus in all sizes in 2 and 3 year stock, and if you will send me your list you will not have to get prices elsewhere. I grow *Privet to sell*.

**C. A. BENNETT, ROBBINSVILLE, N. J.**



## Huntsville Wholesale Nurseries

Established 1872. HUNTSVILLE, ALA.  
Wholesale Prices to Nurserymen and Orchardists.

SPECIALTIES: Peaches, Pears, Budded and Grafted Pecans, Plums, Cherries, Roses and Magnolias.

The Pioneer Nursery at Huntsville, having the largest acreage of any nursery in the United States. Reputation the highest for well grown trees true to name. References from Nurserymen and Orchardists everywhere. Nothing sold at retail. Prices will not be given nor orders accepted for less than 300 trees. Catalogues describing the best market varieties and explaining our terms upon application.

Address W. F. HEIKES, MANAGER, Huntsville, Ala.

## NURSERYMEN ATTENTION!

Now is the time to consider the question of procuring your supply of Labels for the coming season. ORDER EARLY and avoid the rush and the not uncommon delays in transit.

**BENJAMIN CHASE, No. 11 MILL STREET, DERRY, N. H.**

# GRAPE

### ALL OLD AND NEW VARIETIES

Immense stock warranted true. Quality unsurpassed. A fine stock of CAMPBELL'S EARLY. An extra fine stock and full assortment of varieties of CURRANTS and GOOSEBERRIES; also BLACKBERRY ROOT CUTTING PLANTS. Catalogue and Price List FREE. Send list of wants for prices.

# VINES

**T. S. HUBBARD CO., Fredonia, N. Y.**

### Larger and Better Crops

Cultivation of growing crops at the time most needed is what makes quality and quantity. With Iron Age Implements the farmer can speed his work, take advantage of every opportunity, and produce crops of larger yield and a better grade.

No. 6 Iron Age Combined Double and Single Wheel Hoe, Hill and Drill Seeder.

No. 80 Iron Age Riding Cultivator.

## IRON AGE Implements

Save their cost several times during a season, often taking the place of an extra hand. Our new No. 23 Fertilizer Distributor attachment may be applied to our famous No. 6 combined tool, or to our No. 1 Double Wheel Hoe, as is the case with Seed Drill attachments. This wonderful implement and the No. 80 Riding Cultivator are fully described in "Iron Age"—a free book containing much valuable information to the progressive farmer. It also describes the Iron Age Potato Planters, Horse Hoes, Sprayers, Fertilizer Distributors and other labor-saving farm implements.

**BATEMAN MFG. CO., Box 154 Grenloch, N. J.**

## CRETE NURSERIES

Request you to send for the handsomest nursery catalog published in the West. Fine half-tones depicting various phases of Nebraska orcharding and tree-growing. THIRTY-TWO YEARS' EXPERIENCE in all parts of Nebraska enables us to recommend the varieties which will enable you to succeed. We handle only such varieties as are hardy in this state. 13,000 BUSHELS OF APPLES AND 700 BUSHELS OF CHERRIES in our orchards in one season is evidence that Our Trees Bear Fruit. Questions gladly answered and advice given on horticultural points. Coupons of from 50 cents to \$1.50 sent free if you mention AMERICAN FRUITS. Your name on a postal card gets it.

Local Agents Wanted.

E. F. STEPHENS, Mgr., Crete, Neb.

# STARK FRUIT BOOK

44 pages 9 x 12 inches; 22 colored plates showing in natural colors 216 varieties of Fruit, with concise description, including season of ripening of each; 64 half-tone views of Nurseries, Orchards, Packing Houses, etc. Send 50 cts. and we will send the book post-paid, and Rebate Ticket permitting return of book by mail within 60 days and we refund 50 cts. Or, mail within 1 year, Rebate Ticket with \$12 order for nursery stock and we credit \$1.00 in part payment on order and you KEEP THE BOOK FREE. WE PAY THE FREIGHT. weekly and want more home and traveling salesmen. OUTFIT FREE.—STARK BRO'S, Louisiana, Mo., Atlantic, Iowa, Fayetteville, Ark.



# APPLE SEEDLINGS

## AND GRAFTS

**W**E have a large and extra fine stock of APPLE SEEDLINGS, and are prepared to make special low prices on large lots for shipment from TOPEKA, KANSAS, or BRIDGEPORT, INDIANA. We also have a good supply of CLIONS, and a good force of SKILLED WORKMEN, so that we can supply you.

### Apple Grafts, Pear Grafts, Etc.,

Put up in the best possible manner, and in quantities to suit—  
WHOLE ROOT, PIECE ROOT, or ANY STYLE WANTED

Send in your list and get prices, and order early.

### FOR SPRING 1905 TRADE

We have in storage a fine general assortment of fruit and ornamental trees, plants, vines, etc., making a complete stock—ready for shipment at any time wanted. Send in your want list and get prices, and place your orders early.

**Remember,** we have the best SPADES on the market.

**Remember,** EXCELSIOR is the best PACKING MATERIAL.

**Remember,** also, BOX STRAPS, PEACH SEEDS, Etc.

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**ALBERTSON & HOBBS, Bridgeport, (Marion County) Ind.**

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## For Spring of 1905

We offer a complete line of Fruit and Ornamental Trees, Shrubbery, Roses, Etc. A special fine stock of the following at very low prices:

Catalpas	Norway Spruce	Hydrangea (Trees)
American Elm	Altheas	Tree Lilacs
Ash-Leaf Maple	Almonds	Snowballs
Silver Maple	Calycanthus	Spireas
Weir's C.L. Maple	Deutzias	Wistaria
Carolina Poplars	Honeysuckle	Tree Roses
California Privet	Hydrangea P.G.	H. P. Roses
	Crimson Rambler Roses, Etc.	

Write Us for Quotations—We Can Save You Money

**H. S. TAYLOR NURSERY CO.**  
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We offer a general assortment of NURSERY STOCK, including a fine assortment of . . .

**Apple, Pear, Cherry, Plum and Peach in all grades. Shade and Ornamental Trees, Shrubs and Roses**

**CALIFORNIA PRIVET, 1 and 2 yr.**  
SMOCK PEACH PITS

SEND LIST FOR PRICES

**Franklin Davis Nursery Co.**

Baltimore and Paca Streets, BALTIMORE, MD.

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SNOW HILL, MARYLAND.

Telegraph Office with Phone Connection, Snow Hill or Berlin, Md.

### Offer for Spring Delivery:

25,000 Peach Trees, leading varieties, 1 year from bud.  
30,000 Peach Trees, June budded.  
50,000 California Privet, 2 year year old strong plants.  
50,000 Asparagus Plants, 1 and 2 year old.  
300,000 Grape Vines, 1 and 2 years, well grafted.  
Mostly Concord and Moore's Early.  
One Million Strawberry Plants in 50 varieties. Fine, strong Plants from new beds set Spring 1904.  
SEND IN YOUR LIST OF WANTS FOR SPECIAL PRICES

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## Western Reserve Nurseries

PERRY, LAKE COUNTY, OHIO

Carry a most complete line of the wants of the trade.

A fine assortment of **Perennials** properly grown and handled and packed right; can ship at any time to any place.

Strong surplus of **American Sweet Chestnut**—all sizes from two feet up. **Carolina Poplars**—all sizes, extra fine blocks. Nice stock of **Currants, Grapes, Rhubarb, Silver Maple, Weigelia, Spirea Van Houti, Am. Snowball, Cornus ass't., Privet, Purple Fringe, Deutzias, Syringas, Hydrangea, Yuccas and Honeysuckles.**

Also **Arbor Vitae, Siberian, Pyramidalis and Tom Thumb. Pines**—assorted, **Hemlock and Spruce.** All evergreens three times transplanted and extra fine.

**Please send us your lists to price.**

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### STRAWBERRY PLANTS

Auto .....	10,000	Gladstone .....	10,000	Livingston .....	10,000
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Excelsior .....	200,000	Jessie .....	50,000	Tennessee .....	100,000
Eleanor .....	50,000	Kansas .....	50,000	Tilghman's Fav. ....	10,000
Gandy .....	30,000	Louis Huboch .....	100,000	Warfield .....	100,000

### PLUM TREES

Burbank .....	3 to 5 ft.	3 to 4 ft.	2 to 3 ft.	Climax .....	3 to 5 ft.	3 to 4 ft.	2 to 3 ft.
Red June .....	50	100	200	Hale .....	100	100	200
Wickson .....	500	500	500	Prunis Simonie .....	100		

### CHERRY TREES

Early Richmond .....	6 to 7 ft.	5 to 6 ft.	4 to 5 ft.	3 to 4 ft.	Baldwin .....	6 to 7 ft.	5 to 6 ft.	4 to 5 ft.	3 to 4 ft.
English Morello .....	200	1000	1000	500	Wragg .....	100	200	100	
Dye House .....	100	250			Olivett .....	50	50		
Leib .....	300				Vladimir .....	70			
	50	50	50						

### RAY PEACH

500 First Class, 3 to 4 ft.

500 First Class, 2½ to 3 ft.

500 First Class, 1 to 2 ft. One year.

### PEAR TREES

Keiffer .....	5 to 6 ft.	4 to 5 ft.	3 to 4 ft.	Belle Lucrative .....	5 to 6 ft.	4 to 5 ft.	3 to 4 ft.
Bartlett .....	100	500	1500	Garber .....	100	300	300
Beurre D' Anjou .....	1500			Flemish Beauty .....		75	
LeConte .....	100	100		Vicar .....	100		
	25	50	50		50		

1000 California Privet, 1 to 2 ft.  
1000 California Privet, 2 to 3 ft.

50 Silver Maples, 8 to 10 ft.  
50 Carolina Poplars, 8 to 10 ft.

### VARIETIES OF PEACH TREES

Amsden June .....	3 to 4 ft.	2 to 3 ft.	1 to 2 ft.	Greensboro .....	3 to 4 ft.	2 to 3 ft.	1 to 2 ft.
Arkansas Traveler .....	300	275	100	Globe .....	600	1000	800
Belle of Georgia .....	250	200	95	Heidelberg .....		100	100
Carman .....	300	3000	890	Kalamazoo .....	290	340	250
Chair's Choice .....	140	1500	1500	Levy's Late .....	200	300	244
Crawford Late .....	100	3000	5000	Mrs. Brett .....	300	400	180
Coolridge Favorite .....	600	600		Miss Lolo .....	10		
Dover .....		200	175	Matthew Beauty .....		100	100
Early Davidson .....	20	50		New Prolific .....		100	200
Elberta .....		350	375	Oscar .....	2000	1500	1175
Eureka .....		100		Philip Horton .....	62	20	7
Early Tillotson .....		1500	7000	Stephen's R. R. ....	10		
Early Michigan .....			55	Sneed .....		95	
Engle's Mammoth .....	50		75	Schumaker .....		256	81
Early Toledo .....		500	500	Scott's Nonpareil .....	27	20	
Foster .....	1100	1250	600	Salway .....	200	320	
Fitzgerald .....	10			Slapppy .....	1000	200	
Frances .....	100	500	100	Triumph .....	200	200	250
	607	2240	1460			300	300
	500	600	818				

### APPLE TREES

Autumn Strawberry .....	5 to 7 ft.	4 to 6 ft.	4 to 5 ft.	3½ to 5 ft.	N. W. Greening .....	5 to 7 ft.	4 to 6 ft.	4 to 5 ft.	3½ to 5 ft.
Baldwin .....	200	300	300	240	Pewaukee .....	50	100	75	50
Ben Davis .....	1000	1000	100		R. I. Greening .....	200	600	300	200
Fallawater .....	100	500	400	300	Rome Beauty .....			90	300
Grindstone .....	50	300			Roxbury Russett .....			100	
King .....		500	300	400	Red Astrachan .....	50			
Lowell .....		50	80		Salome .....		150	150	150
M. B. Twig .....	100			600	Smith's Cider .....				50
Maiden Blush .....	250			400	Walbridge .....	20			
Mo. Pippin .....		150			Winesap .....	100			
Mann .....			50		York Imperial .....	500	150	100	100

### APPLE TREES, 1 TO 2 INCHES, 7 TO 8 FEET.

Mo. Pippin, 50.

N. W. Greening, 400.

R. I. Greening, 150.

Willow Twig, 20.

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